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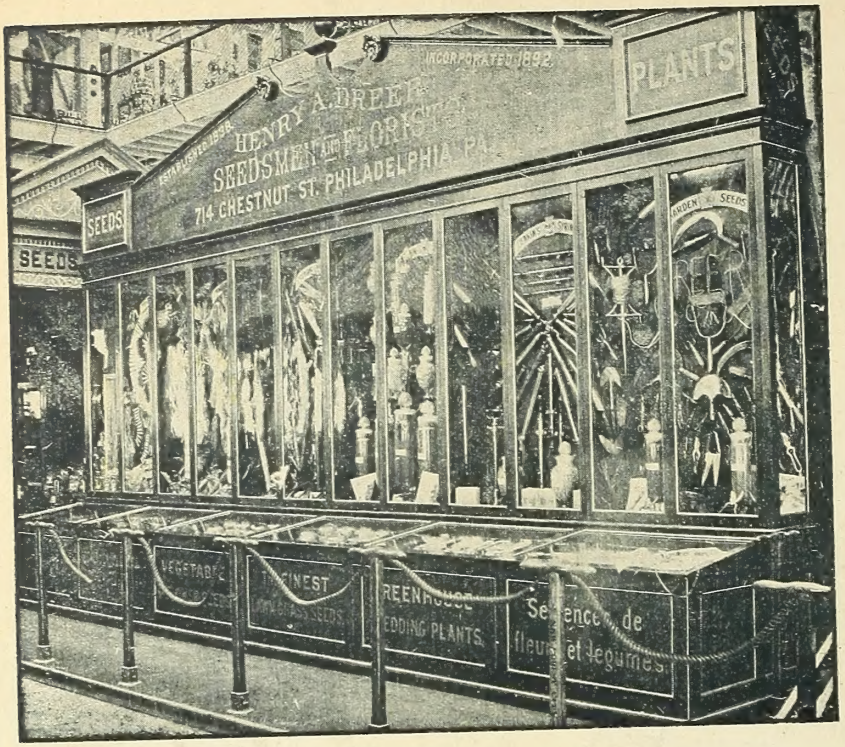
DREER'S GARDEN CALENDAR 1894.

Henry A. Dreer,

PHILADELPHIA.

OUR WORLD'S FAIR SEED EXHIBIT



The accompanying ill tration is taken from photograph of our Sho Case Exhibit of Seeds an Implements as installed Horticultural Hall at cago during the summ 1893.

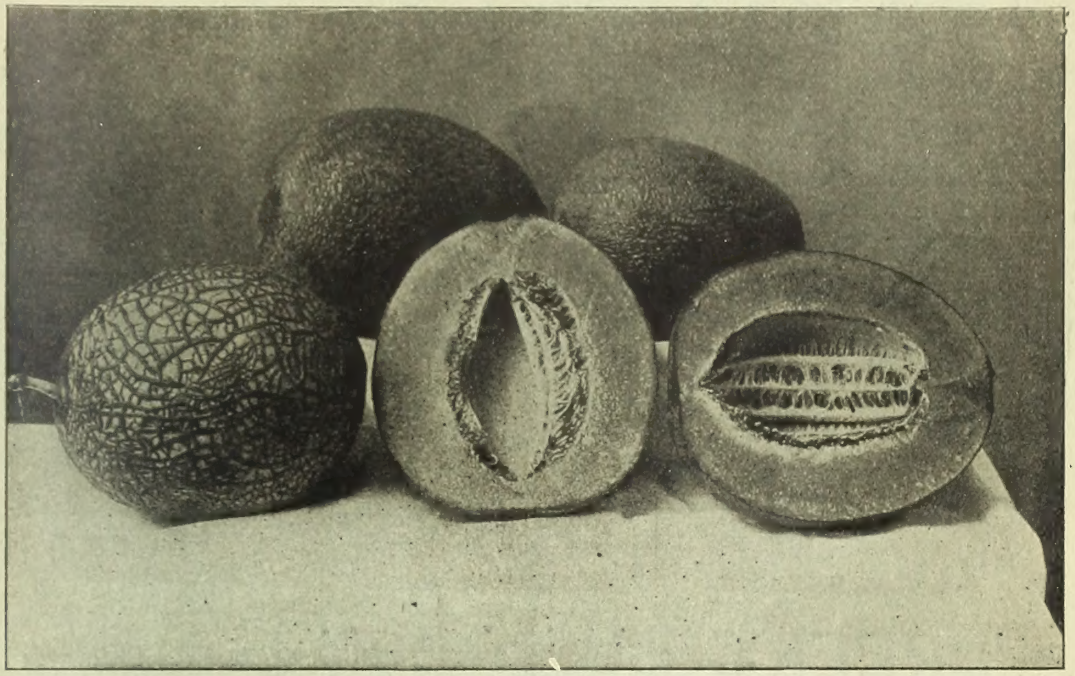
Many of our friends were not able to get t Show will be intereste this, and the fact that were awarded 15 Med and Diplomas for the fin Exhibits of Seeds, Plan Bulbs and Implements.

Photograph of our trial grounds at Rosemont, where thousands of trials are annu made of all known varieties of seeds which are tested for comparison and enable u select and offer to our customers only the best.

. . VEGETABLE . .
Novelties and Specialties.

Our list of Novelties includes varieties of Vegetable and Flower Seeds of recent introduction, produced by growers and specialists in this country and abroad, and the descriptions given are mainly as received from the introducers. All are carefully tested in our trial grounds during the summer, and such as show an improvement on existing sorts are added to the general list. In our general list all tested standard varieties are offered that are meritorious.

☞ *Our prices this year are lower than ever and in sympathy with the prevailing prices of all classes of merchandise.*



NEW TRIUMPH MUSK MELON.

This superb new melon, which we offer for the first time, is the latest production of the raiser of the Columbus Musk Melon, which was first introduced two years ago, and has given such universal satisfaction to all who have grown it. The new variety is a cross between Columbus and Osage, combining all the good qualities of these two most excellent varieties, and is far superior to any melon now in existence. The flesh is red, thick and luscious, and ripens clear to the rind. The melons are of medium size and are beautifully netted. Per pkt., 15 cts.; 2 pkts., 25 cts.; oz., 75 cts.

CARTER'S EXCELSIOR BEET.

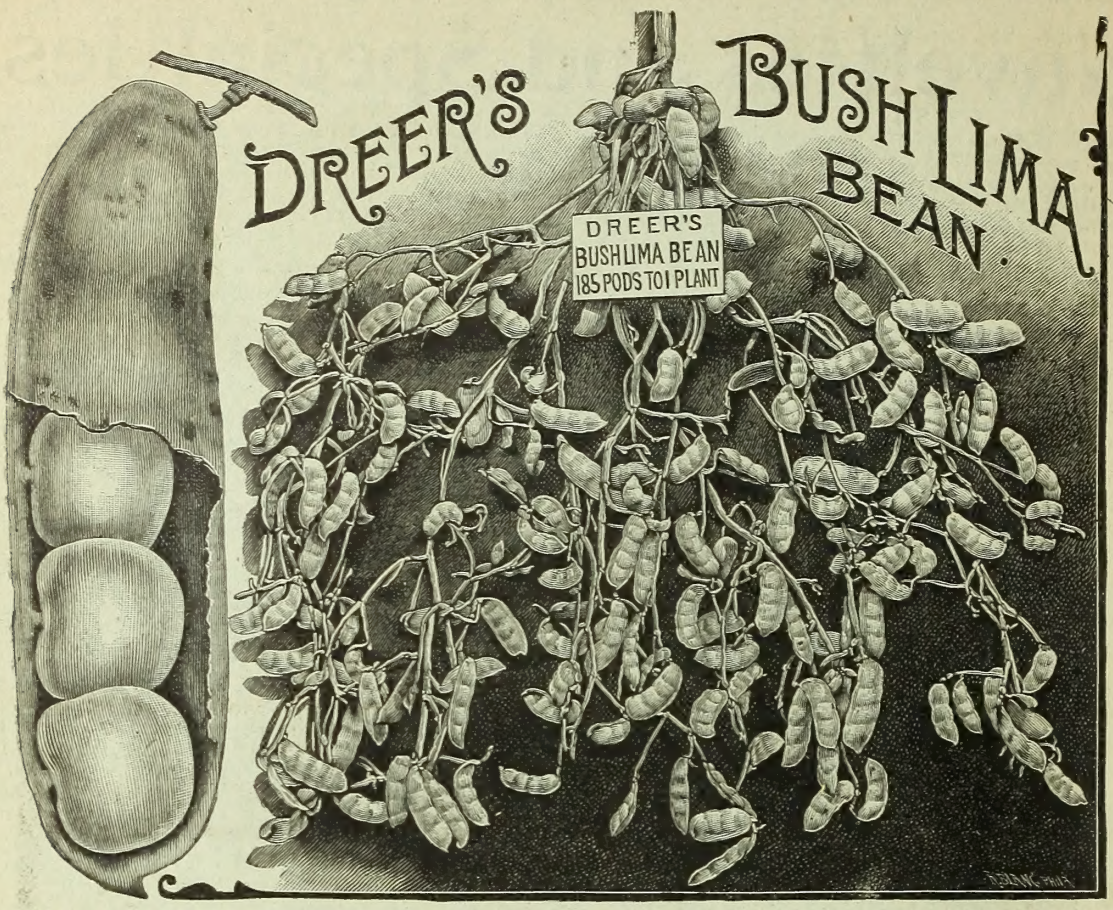
A new variety from England, seed of which was sent us for trial last year, and proved to be the best early blood beet in our trial grounds. The seed is now offered for the first time. The color and substance of its flesh is perfect, being fine-grained, with smooth skin and small tops, and matures more rapidly than other sorts. Per pkt., 10 cts.; oz., 75 cts.; ¼ lb., 40 cts.

Crosby's Egyptian Beet.

An improved strain of the Egyptian Beet in great repute in the Boston market. It is much thicker than the original strain, quite as early, of better color and quality, besides being smoother. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

EVANS' NEW TRIUMPH CELERY.

This new variety comes to us from Canada, and the originator claims it to be the Celery of the future and the finest variety ever grown. For solidity, crispiness and fine nutty flavor it is unequalled. It is very brittle, of good size, and creamy white in color. Its most valuable recommendation, however, is its remarkable long keeping qualities. It can be kept in good condition as late in the spring as April and May, and should prove a profitable variety for late use for the market gardener. Per pkt., 15 cts.; 2 pkts., 25 cts.; per oz., 75 cts.



DREER'S BUSH LIMA BEAN.

The dry summer of 1893 proved the value of our Bush Limas in producing earlier and more abundant crops than the pole varieties. Market gardeners who planted them made a profitable investment. Dreer's Bush Lima is of vigorous, bushy habit, growing from 1½ to 2 feet high, and producing pods in great abundance. The beans grow close together in the pods, producing 3 or 4 and sometimes 5 in a pod, and are very thick, sweet and succulent. It ripens fully ten days earlier than the pole Lima, and requires no poles or stakes whatever. Per pkt., 10 cts.; pint, 30 cts.; qt., 50 cts.

Burpee's Bush Lima Bean.

This is a true bush form of the Large Lima Bean, which originated a few years ago in Chester county, Pa. The permanency of this strain appears to have been fixed from its origin, as successive crops have developed and perpetuated the dwarf form without variation. It is not as early nor as free a bearer as the Dreer's Bush Lima, but will no doubt be largely grown in the future, particularly where poles are inaccessible or undesirable. Per pkt., 10 cts.; pint, 30 cts.; qt., 50 cts.

Jackson Wonder Bean.

A wonderfully prolific dwarf bean, growing from 18 to 30 inches high; seeds broad, flat and beautifully variegated, similar in shape to the Lima, and can be used in the same way. When the pods are young they make excellent snap beans. It is not waxy and cooks easily and quickly. Valuable as a forage plant, yielding an immense crop of ensilage or dry fodder. Pkt., 10 cts.; pint, 20 cts.; qt., 40 cts.

Since printing the body of our Catalogue we have received from our growers a larger quantity of the Bush Lima Beans than from first reports we were led to expect. We are therefore pleased to reduce the prices as above.

BURPEE'S BUSH LIMA BEAN.

Columbian Mammoth White Asparagus.

An entirely new and magnificent variety of Asparagus, which is sure to be in great demand because it furnishes *white shoots* which *stay* white as long as fit for use, without earthing up or any other artificial blanching; and because it can be absolutely depended on to give 80 to 90 per cent. of white plants from seed. This grand novelty has been brought to its present state of perfection by one of the largest and most experienced growers of Asparagus in this country, by many years of careful selection from a single plant found in one of his fields of Conover's Colossal. To-day he has a field of the Columbian Mammoth White from which he sells the product to a canning factory, that allows him over 20 per cent. more for it than for any other kind grown for them. There is no question but this is the greatest advance in Asparagus improvement since the introduction of the Conover's Colossal.

Per pkt., 15 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $5.00.

Japanese Climbing Cucumber.

This excellent new Cucumber, which was first introduced two years ago, is a native of Japan and has proved to be a decided acquisition. The vines are of healthy, vigorous growth, with rich dark green foliage, and throw out strong grasping tendrils which enable it to climb trellises, wire netting or any other suitable support. The fruits are of medium size, well formed, and of a dark green color; flesh very thick, and of exquisite flavor. It can be grown as an ordinary ridge Cucumber or as a climber. Per pkt., 10 cts.; oz., 50 cts.

The Greatest Forage Plant, LATHYRUS SILVESTRIS WAGNERI (Flat Pea).

This wonderful forage plant has created a sensation in agricultural circles in Europe, where its value is now generally known and recognized. It resists continued drouth and thrives well on the poorest sandy and stony soils. It is more nutritious than the best clover, and when once established will continue to yield for years abundant harvests of excellent quality. Per pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25; lb., $4.50.

THE FAXON SQUASH.

Flesh deep orange yellow, cavity very small and few seeds. While uncooked it appears to have a shell like any other squash; when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. It is sweet and very dry, and for squash pies it must be tried to be appreciated. A distinctive feature of this squash is that the ripe squashes vary in color, some of them being pale yellow with still paler yellow stripes in hollows, while others are green, mottled and faintly striped with a lighter green. It is of superior quality without regard to size or whether it is ripe or green, and may be used either as a summer or winter squash, specimens having been kept in perfect condition until April and May. Per pkt., 15 cts.; oz., 40 cts.; ¼ lb., $1.25.

New Wrinkled Pea, PARAGON.

The originator, a practical Pea grower, claims for this new variety that it will outyield all others, and yield twice as much as any late pea. It comes into bearing earlier than Champion of England, Stratagem or Telephone, and follows such varieties as Advancer, Abundance and Horsford's Market Garden. It is double-podded, producing large straight pods containing from six to nine peas of superb quality.

Per pkt., 10 cts.; pt., 20 cts.; qt., 40 cts. (By mail 55 cts. per qt.)

THE BUCKEYE STATE TOMATO.

This fine Tomato was first offered last year and is a decided acquisition to the large fruiting varieties. It is an immense cropper, bearing its fruit in large clusters. In solidity and meatiness it has no equal; while in quality none surpass it. In addition to its large size it is also smooth and uniform in shape, color similar to Beauty, but somewhat darker and richer.

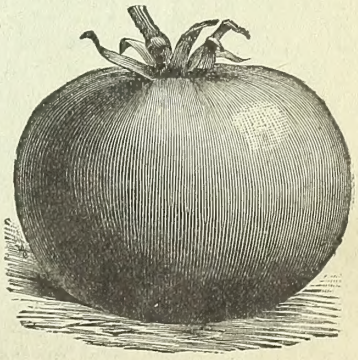
Per pkt., 10 cts.; oz., 30 cts.

TERRA COTTA TOMATO.

This distinct and unique variety is entirely unlike any other. The color of the fruit is a pure terra-cotta; the skin is without lustre and slightly downy. It is also unique in form, the surface being slightly wavy and seldom lobed or seamed. The flesh is peculiarly arranged, the pulp cells containing the seeds being near the skin, while the centre is solid flesh of a mealy, tender consistency and mild flavor. Per pkt., 10 cts.; oz., 50 cts.

NEW TOMATO, DWARF ARISTOCRAT.

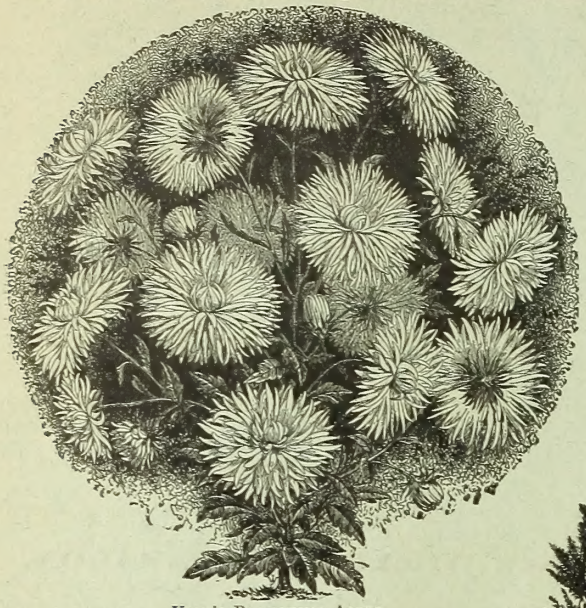
This fine new variety in habit of growth and foliage resembles the dwarf Champion, and might be taken for that popular variety were it not for the color of its beautiful rich, glossy red fruit, so much preferred by many to the purple or rose-colored sorts. In size, solidity, productiveness, smoothness and flavor it is up to the present high standard of excellence. It will be found especially desirable for forcing under glass and growing outside for early market purposes. It may be planted 3 by 3 feet or even closer, making it also desirable for small gardens or where space is valuable. Per pkt., 15 cts.; 2 pkts., 25 cts.



Dwarf Aristocrat Tomato.

NOVELTIES IN FLOWER SEEDS.

In our General List of Flower Seeds, pages 40 to 75, will be found many worthy novelties of recent introduction that have proved to be desirable acquisitions.
A material reduction in prices has been made in our Flower Seeds this year.



Vick's Branching Aster.

Striped Tuberous Begonia.

Vick's New White Branching Aster.

No. 5222. This new Aster has some valuable characteristics. The plant is a strong grower of branching habit, and continues to grow and bloom later in the season than any other variety, yielding an abundance of flowers late in the fall, at a time when flowers are becoming scarce. The flowers are pure white, four inches and more in diameter, and borne on long stems; petals broad, long, and many of them more or less tinted and curled in such a measure as to give the blooms the appearance of a Chrysanthemum. It will prove of great value to the flower trade, anticipating, as it does, the Chrysanthemum season by a month or six weeks. Per pkt., 25 cts.

NEW YELLOW QUILLED ASTER.

No. 5225. A remarkably handsome variety of this free-blooming class of Asters. The flowers are globular, quilled and very double, produced on long stems and of the most clearly pronounced yellow yet seen amongst Asters. Per pkt., 15 cts.

SEMPLE'S Branching Asters.

No. 5223. A choice strain of American grown Asters which has by careful selection been brought to a high degree of excellence. The plants are of branching habit, producing from ten to twenty perfect flowers from four to six inches in diameter on stems from ten to twenty-four inches in length, the plants growing from two to three feet in height. Pink and white mixed. Per pkt., 20 cts.

Celosia, Thomson's Superb Feathered.

Cockscomb Vesuvius.

New Striped Flowered Tuberous Begonias.

No. 5283. An entirely distinct class of *Striped Tuberous Begonias*, combining both attractiveness and originality. It includes nearly all the colors common to the older varieties, and in addition a rich chrome yellow. The flowers are marked or striped after the manner of a Carnation, with a great variety of pleasing shades of white, yellow and red, which is conspicuous even in the flower buds. Per pkt., 25 cts.

Celosia, Thomson's Superb Feathered.

No. 5444. This new variety has attracted general attention in the public gardens of Paris. The plant is pyramidal in growth, attaining a height of little more than two feet, and produces a number of beautiful large spikes of the most brilliant crimson color imaginable. In full sunlight it makes a magnificent display when the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Per pkt., 25 cts.

COCKSCOMB, VESUVIUS.

No. 5448. This novelty is the result of careful cultivation for many years. The plant is of dwarf habit, and above the bright green foliage is raised the beautiful comb of a magnificent fiery-red on a golden yellow ground. The contrast between the golden ground and the brilliant red of the upper part of the comb is intensified by a line of fiery-gold which runs over the whole length of the head. Per pkt., 25 cts.

DAHLIA, SINGLE CACTUS.

No. 5701. The most important characteristic of this new type is the twisted or fluted petals, similar to those of the double Cactus varieties, and wherever exhibited they have attracted particular attention by their remarkably graceful appearance. The colors are beautiful, and for decorative purposes they will be much in demand. Per pkt., 25 cts.

GERARDIA TENUIFOLIA.

No. 5855. A beautiful half-hardy perennial from Mexico allied to the Penstemon. It forms regularly branching erect bushes 15 inches high, with narrow linear foliage. The flowers are tubular, bell-shaped, of a light violet color, with a pale lilac throat. If sown early in spring the plants will bloom in July-August, or if sown in the summer with other perennials and kept over winter will flower continually through the following summer. Fine for pots as well as for out-door culture. Per pkt., 15 cts.

NEW HIBISCUS, CRIMSON EYE.

No. 5947. This elegant Hibiscus is entirely distinct, and comes true from seed. The flowers are of immense size, often measuring twenty inches in circumference. Color pure white with a large spot of deep velvety crimson in the centre of each flower. A well developed plant will produce several hundred of these flowers in a season. It will succeed anywhere, and is perfectly hardy, blooming the first year from seed. Sow in the open ground. Per pkt., 10 cts.

Hibiscus, Crimson Eye.

HUMULUS JAPONICUS VARIEGATUS.

(Variegated-Leaved Japanese Hop.)

No. 5960. The leaves of this excellent climbing plant are beautifully and distinctly marbled and blotched with silvery-white, yellowish-white, yellowish-green and dark green. Sometimes they are almost white. It has the same desirable quality as the green-leaved Japanese Hop, in being free from the attacks of insects. It is of rapid and dense growth, as hardy as the common Hop, and an admirable decorative plant for covering fences, rustic arches and the like. Per pkt., 15 cts.

Lobelia, Barnard's Perpetual.

IPOMEA RUBRO-CÆRULEA.

(Heavenly Blue.)

No. 5964. This beautiful old-fashioned Ipomea, popularly known as "Heavenly Blue," has long been a favorite in English gardens, where it is grown under glass. It can be successfully grown in this climate by treating as a half-hardy annual, sowing the seed in the greenhouse or frame in March or April, potted singly, and plant out in May. It may also be sown in the open ground in May.

A correspondent writing from Bordentown, N. J., says: "I consider it the most lovely annual climber ever introduced. Its beauty is past description. I have this season had a fence sixty feet long covered on both sides with masses of its flowers, which are of the shade of blue of Salvia Patens, but a little lighter." The flowers are very large, some measuring 4½ inches in diameter. Per pkt., 15 cts.

Humulus Japonicus Variegatus.

LINARIA, HENDERSONI ERICOIDES.

No. 6014. A very pretty and distinct perennial of dwarf and compact habit and wonderfully free-flowering. It may be treated as an annual, as the seedlings bloom very early the first year, producing an uninterrupted succession of bloom until late in the autumn. The small snapdragon-like flowers are of purplish violet color, striped and veined with darker lines. Per pkt., 10 cts.

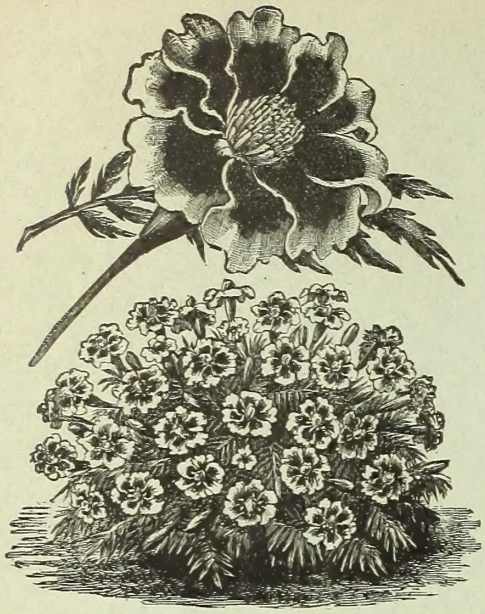
LOBELIA BARNARD'S PERPETUAL.

No. 6020. This splendid novelty is without doubt the finest Lobelia yet introduced. The flowers are of the most brilliant ultra-marine blue, strikingly marked with a pure white blotch at the base of each of the two lower petals. It is of compact habit, and useful alike for bedding or growing in pots. Per pkt., 25 cts.

DATURA CORNUCOPIA.

(Horn of Plenty.)

No. 5702. Plants of this novelty were first introduced last year, and we are now enabled to offer the seed. The plant is of robust habit, and, while it is not hardy, grows to a good-sized shrub in a single season. The leaves are large, dark green, and the stem is brownish purple with a shining surface. The flower is trumpet-shaped, of immense size, often ten inches long and five inches wide at the mouth, with three cones or funnels one within the other, the inside of the tube of a delicate French white, marbled with royal purple on the outside. Per pkt., 10 cts.



Dwarf French Marigold, Purple and Gold.

DWARF FRENCH MARIGOLD, PURPLE AND GOLD.

No. 6063. This charming new Marigold forms a neat, compact bush about 12 inches high, and produces uninterruptedly during the summer months a great profusion of single flowers about 1½ inches across, of a lovely golden yellow, with a velvety purple spot on each petal. Excellent for cutting purposes, for bouquets, etc. Per pkt., 15 cts.; 2 pkts., 25 cts.

Nemesia Strumosa Suttoni.

NEMESIA STRUMOSA SUTTONI.

No. 6182. This charming plant is undoubtedly one of the most beautiful annuals that has been introduced into cultivation for some years past. It is a native of Africa, and was first introduced last year by Messrs. Sutton & Sons, of England. This Nemesia is remarkable for its free-flowering character, long duration in bloom and astonishing diversity in the color of its flowers. If raised under glass in March and transferred to the open ground in May, the plants begin to show their beauty in June and continue in flower till the end of September. Several stems are thrown up by each plant to the height of 12 or 15 inches, and the range of colors includes white, pale yellow, rich deep orange, and all shades between pink and deep crimson. Per pkt., 35 cts.

NEW PRIZE PANSY, CARDINAL.

No. 6259. In this variety we have the nearest approach to a scarlet Pansy, which has been obtained after years of careful selection. The color of the flower is a brownish scarlet, the three lower petals being marked with a large dark blotch, very bright, of good size and substance and perfect form. Per pkt., 25 cts.

PYRETHRUM AUREUM CRISTATUM.

No. 6455. A beautifully curled-leaved variety of the popular Golden Feather, the leaves having the crisped appearance of the most exquisitely curled Parsley. The plant is very dwarf and compact, and will prove valuable for carpet bedding, edgings, etc. Per pkt., 25 cts.

New Pyramidal Sunflower.

NEW PYRAMIDAL SUNFLOWER.

No. 5918. If planted singly in good ground this new Sunflower will grow to a height of from 12 to 15 feet, and is thickly branched from the base to the top of the plant, each branch bearing a multitude of medium-sized golden yellow flowers with a small black centre, affording valuable material for cutting for bouquets and decorative purposes. Per pkt., 15 cts.; 2 pkts., 25 cts.

SAINTPAULIA IONANTHA.

No. 6488. One of the most charming stove plants introduced of late years. It belongs to the family of the Gesneriaceas, and was recently discovered in East Africa. The tiny plants form a flat rosette of deep green, hairy leaves, which are similar in form to those of the Gloxinias, but smaller in all parts and mostly reddish brown underneath. The flower stems, 2 to 4 inches in length, are crowned by beautiful deep blue flowers bearing a close resemblance, in form as well as in color, to those of our sweet-scented Violet. Stamens deep golden-yellow. A well-established plant will bloom continually throughout the year. Per pkt., 25 cts.

PETUNIA, NEW DOUBLE "AURORA."

No. 6288. A beautiful new variety and a welcome addition to the large-flowered section of double Petunias. The flowers are of medium size and of a charming delicate rose color, which is enhanced by the deep crimson purple veining with which the petals are intersected. Per pkt., 35 cts.

Petunia, CLEMATIS-FLOWERED.

No. 6286. The Clematis-flowered Petunia is a distinct new form of this popular flower, the rich purple-blue of one of the varieties bearing a striking resemblance to the well-known Clematis Jackmanii. Dark and light blue mixed. Per pkt., 25 cts.

RICINUS ZANZIBARIENSIS.

No. 6477. An entirely new and distinct class of these handsome ornamental plants, which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves, and may be compared in their general appearance to a luxuriantly growing giant Aralia Sieboldi. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze changing to dark green with reddish ribs. As single specimens on the lawn or in large groups they are very effective. The seeds are quite distinct in color and most beautifully marked. Per pkt., 25 cts.

SESBANIA GRANDIFLORA.

No. 6553. This magnificent white flower is a native of Western Australia, and belongs to the family of Leguminaceous plants and is allied to the Clianthus. It is one of the largest flowering species known, the immense flowers being produced on racemes of usually four flowers each. It is adapted for greenhouse or conservatory decoration, but can be grown in the open ground in summer. It thrives best in a warm situation with plenty of moisture. Per pkt., 50 cts.

NEW SWEET PEA, EMILY HENDERSON.

No. 6825. A lovely pure white variety with dainty satiny surface and of delicious fragrance. The flowers are large and of good substance, and stand up boldly on long stiff stems. Per pkt., 15 cts.; oz., 50 cts.

Plant and Seeds of Ricinus Zanzibariensis.

New Sweet Pea, BRONZE KING.

No. 6826. A charming and distinct new variety, somewhat resembling the "Orange Prince," but having a pronounced coppery bronze standard with wings of pure white. Per pkt., 15 cts.

New Sweet Pea, PRINCESS MAY.

No. 6827. A most beautiful and distinct new variety, of which the coloring is throughout of a delicate shade of pale heliotrope or lavender appearing in the bud state of rather a darker tint than when fully expanded. The color is most pleasing and quite in accordance with modern and fashionable tastes. The flowers are large and the wings and standard are well expanded. Per pkt., 25 cts.

NEW DWARF DOUBLE STRIPED ZINNIAS.

No. 6798. A beautiful semi-dwarf variety of this popular and well-known plant, with finely striped flowers, with a wide range of colors, including a great variety of very effective shades. Per pkt., 15 cts.

NEW CURLED AND CRESTED ZINNIAS.

No. 6796. A new and beautiful strain of this popular flower, surpassing all others in their fantastic and graceful forms and bewildering variety of colors. The plants form compact bushes about two feet high, which are continuously loaded with magnificent bloom. Per pkt., 15 cts.

NEW EARLY FLOWERING BRANCHING TUBEROSE "ALBINO."

This charming single-flowering Tuberose is of the purest white both inside and out, even in the hottest sun, the petals recurve gracefully, flowering much earlier than the old single variety, and producing from two to five flower stems from a single bulb. The odor is less heavy than that of the double Tuberose. It is excellent for cutting and forcing under glass.

Bulbs, 15 cts. each; $1.50 per doz.; $10.00 per 100.

Novelties in Plants.

New Canna. QUEEN CHARLOTTE.

A magnificent new variety from Germany, claimed to be the finest introduction up to date. The plant attains a height of about three feet and is furnished with a Musa-like splendid bluish green foliage. The enormous flower spikes towering grandly above the foliage bear a beautiful bouquet of large flowers of perfect form, with petals of a velvety grenade blood-red, broadly banded with the brightest canary yellow. This grand Canna, which is now offered for the first time, gained the highest awards wherever exhibited in Europe last year and will without doubt become very popular.

Plants ready May 1st. $3.00 each.

QUEEN CHARLOTTE.

New Chrysanthemums.

MRS. E. G. HILL.

This magnificent new early pink Chrysanthemum is a seedling from Puritan and Mrs. Alpheus Hardy, and has received the highest awards wherever exhibited, including a medal and diploma at the World's Fair Exhibition on October 16th. The blooms are of large size, from 7 to 8 inches in diameter, a grand incurving sphere full to the centre when fully developed and of a beautiful pearly pink color. 75 cts. each.

BEAU IDEAL.

Beau Ideal is a bright rose pink without a touch of lavender shadings. The form is a somewhat flat incurved, the outer petals horizontal, showing the bright pink, the incurving centre showing a lighter shade. The petals are broad, of good substance, flower of fine size, stiff stem and good foliage and possessing every desirable quality of a cut flower. We know of no variety that will compare with it in purity and brightness of tone, while in size and general make-up it compares with the best. $1.00 each.

CHALLENGE.

Challenge is a late variety, being in full perfection November 25th to 30th. It was awarded the $100 premium at the World's Fair Chrysanthemum Show last November for the finest seedling in the Show in 54 entries. The flower is a perfect globe of gold, which finally shows a pointed centre. The color bright yellow, form quite as deep as wide, stem very strong, foliage extra good and a somewhat dwarf grower. It is the ideal yellow Chrysanthemum. $1.00 each.

LYCHNIS PLENISSIMA SEMPERFLORENS.
(From photograph of a five months' old plant.)

EUGENE DAILLEDOUZE.

There is nothing brighter and clearer among yellow Chrysanthemums than this grand new variety. The flowers are large, full double, glowing in color, with stiff stems, and good foliage, and above all it is a free, easy grower. It has taken first premiums everywhere as the best yellow. $1.00 each.

INTER-OCEAN.

This grand novelty took first premium at Chicago for the "best of any color." The color is a delightful, glistening, pearly white. Petals of great substance, recurving, forming a flower one-third larger than the type of V. Morel, of which it is a seedling. The stems are very stiff, the foliage exceedingly handsome, and carried close to the flower. $1 00 each.

New Lychnis.

LYCHNIS PLENISSIMA SEMPERFLORENS.

A grand addition to our list of hardy perennials, beginning to flower early in the spring and continuing throughout the entire summer. The flower is of a beautiful tender rose-color and is produced in long bushy spikes. One of the greatest advantages of this plant is its easy forcing qualities in an ordinary greenhouse or cool conservatory, where it will produce from October to April with ordinary care hundreds of flowers.

50 cts. each; $5.00 per dozen.

Established 1838 Incorporated 1892

DREER'S GARDEN CALENDAR

1894

A Catalogue of Choice

Vegetable, Field and Flower Seeds

New, Rare and Beautiful Plants

GARDEN IMPLEMENTS AND FERTILIZERS

HENRY A. DREER

Seed Store and Offices, 714 Chestnut Street

PHILADELPHIA

GREENHOUSES AND TRIAL GROUNDS, RIVERTON, N. J.

Copyrighted December, 1893, by HENRY A. DREER

THE VEGETABLE GARDEN.

IF practicable, the Garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west it is important to have it located on the sunny side of an orchard or buildings. The most desirable situation possible should be set apart for the kitchen garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture.

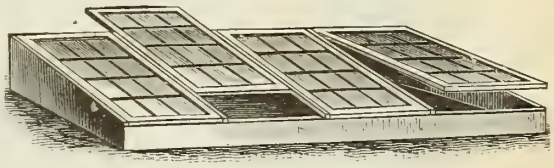
To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well drained, thoroughly trenched, and enriched by a judicious application of manure.

ROTATION OF CROPS.

A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-roooted, as it is termed), if too frequently planted in the same ground.

HOT BEDS AND COLD FRAMES.

HOT-BEDS.—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the hot-bed for growing early plants or vegetables. A frame, such as is shown in the illustration, may be made of various sizes, according to the size of garden, from two sashes upwards. The sashes are generally made 6 feet long by 3 feet wide, but we consider 4 feet preferable. Use 8 by 10 glass. The entire frame of four sashes is 16 feet 5 inches by 6 feet—allowing 1 inch separation on the bearers. The glass should be imbedded in the putty and secured with points, and well painted every year to keep in repair. After the season for use is past, store them away from the weather or keep in a pile with a board covering. Care in these respects will save considerable annual expense. The hot-bed should have a southern or southeastern exposure, and should be made with fresh horse manure, which must be laid in a heap preparatory to being used; when in a proper state of fermentation, place the frame on the heap. Six inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes, and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. The heap should be made two feet longer and wider than the frame. Where the ground is well drained, a better plan is to dig out a space the size of the frame from 1 to 2 feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.



In addition to the hot-bed frame, mats or shutters will be required to cover the sash during cold days and nights.

COLD FRAMES.—The cold frame for wintering Cabbage, Cauliflower, Lettuce, Plants, etc., should be constructed of 1-inch boards 1 foot high at the back and 9 inches high in front; short posts, set four feet apart, will keep the frame in position. For ordinary gardens a frame 12 to 16 feet long and 6 feet wide will answer all requirements. The shutters should be 6 feet 4 inches long by 3 feet wide, made of common rough boards. The soil should be enriched by old and well-decayed manure; the object being to preserve and not to grow the plants during the winter. Give plenty of air every mild day, but do not expose the plants to the sun when the ground or plants are frozen, as it will destroy them.

Very many who read this article on hot beds and cold frames do not require the expense for a few vegetable and flower plants. To such there is an excellent substitute on hand in most dwellings, in the kitchen or basement windows, facing south or east, inside of which is a temperature usually not far from that required for the vegetation of seeds, and where seeds of early vegetables, or tender plants for the flower border, may be raised nearly as well, and with far less attention, than in a hot-bed.

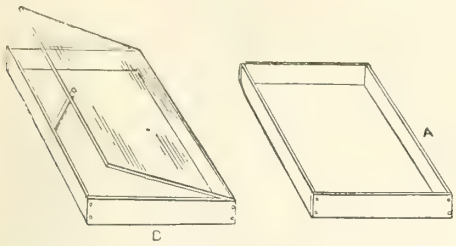
THOROUGH SEED TESTS.

For the protection of the planter and the benefit of the seller careful seed tests are made before the selling season at our extensive greenhouse establishment at Riverton, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

The trial grounds at our Rosemont Experimental Farm are devoted to the growing of all new and old varieties, and furnish opportunity for comparison of their relative merits, and we are thus enabled to quickly ascertain, for our customer's interest, which sorts to recommend or discard.

Success with Flower Seeds.

Provided the soil is in a proper state, flower seeds may be sown in the open border in the months of April and May. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better is to sow all fine seeds under glass in a greenhouse, hot-bed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies with the cultivator.



For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mould, and light, rich garden loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil, carefully water with a fine rose or spray dampener, to settle the soil. When they are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, usually leads to the eventual loss of the whole. As soon as the plants appear, they will require careful attention, as the least over-watering may cause them to "damp off," and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant some air may be admitted. As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

The germination of many hard seeds, especially among greenhouse or hot-house species, which are almost impervious to moisture, is greatly accelerated by pouring warm water over them, or soaking them over night in camphorated water, and then sowing. Thus treated, the young plants appear in a few weeks; but without such treatment they often lie dormant many months. The varieties of Acacia, Erythrina, Canna and Smilax are the most prominent of this class.

Climbers, for garden decorations, should be sown in February and March, the earlier the better, as the display in season will be in proportion to their early vigor.

Calceolaria and **Primula** are types of a class that require entirely different treatment; to insure success they should be sown in pots or boxes half filled with rough siftings; on this put two inches of fine compost, and sift over this a top-dressing of the same material, using a fine sieve. Sow the seed on the surface and press gently in, using a flat surface. Sprinkle with a fine rose; cover with a pane of glass, and keep shaded from the sun. The surface should be kept damp, and the pots or boxes kept in a moist, warm temperature. As soon as the seedlings are strong enough they must be potted in small pots, in soil prepared as before, and kept in the same situation until well established.

WHY SEEDS FAIL.

From a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would briefly state some of the causes.

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by an observance of the difference in temperature. Thus, to the North, the directions for March will apply to April; and at the South to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, etc., being from their nature apt to vegetate quickly, are often destroyed while germinating through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Other species, such as Carrots, Celery, Leek, Onion, Parsley, Parsnip, Spinach, etc., being naturally of tardy growth, take (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

Failures often occur through seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in over manuring and improperly preparing the soil causes defeat.

In some sowings of seed made during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ. We are satisfied that thousands of pounds of Turnip, late Cabbage and other summer-sown seeds are annually lost from this neglect. Never tread or roll in the seeds when the ground is wet.

Do not raise Egg Plants, etc., in the same hot-bed with Cabbage, and other half-hardy plants that require air every mild day; by such management one or the other must suffer—heat being the principal requisite of tender plants, and air that of the more hardy varieties.

Directions to Correspondents.

PHILADELPHIA, January, 1894.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves.

POSTAGE PAID.—We deliver, postage paid, to any Post Office in the United States, **Vegetable and Flower Seeds, in Packets, Ounces and Pounds** when ordered at Catalogue prices, except where otherwise noted at the foot of each page.

EXPRESS.—It will be very much cheaper to the purchaser if goods are ordered to be sent by Express or Freight at their expense, when desired in quantities of pounds, quarts and upwards. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and "extras" are added to help defray charges.

FREIGHT.—Fertilizers, Implements, and miscellaneous bulky or heavy articles can be sent only by Express or Freight, at the purchaser's expense.

PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Office.

REMITTANCES—Should be made by Post Office Money Order ~~or Postal Notes~~ - omit -, Drafts on Philadelphia or New York banks, or Express Money Orders. Where it is not possible to obtain these, the letters should be registered. We disclaim all responsibility when remittances are not made as above directed. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge, and in a few days receive the money, make the proper credit and send receipt, requires more work than we can readily perform.

NEW CUSTOMERS.—Orders from parties unknown to us, to insure prompt attention, must be accompanied by a remittance or by satisfactory reference to some responsible house, or to some person of our acquaintance.

ORDER EARLY.—It will greatly facilitate shipment if orders are sent in early. We aim to send off all orders the next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering **early.**

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer, yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

SAFE ARRIVAL OF PACKAGES.—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods.

NAME AND ADDRESS.—Please remember to write your **Name, Post Office, County and State** as distinctly as possible, and apart from the body of the letter, to facilitate execution and prevent errors; also the **nearest Express Office,** or, if on a Stage route, send us special directions, giving us the name of the Express Company delivering goods.

PLANT ORDERS should be on a **separate sheet;** the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional Express charges.

HENRY A. DREER,

LOCK BOX 1618. No. 714 CHESTNUT STREET,

PHILADELPHIA, PA.

DREER'S RELIABLE VEGETABLE SEEDS.

DREER'S Seeds have been for more than fifty years a standard among the best gardeners of this country for undoubted purity and excellence.

We offer the following inducements to purchasers of Vegetable and Flower Seeds in packets when cash accompanies the order: For remittance of $1.00 select Seeds in packets to value of $1.20; $2.00, $2.40; $3.00, $3.75; $4.00, $5.00; $5 00, $6.25.

☞ *We pay postage on Vegetable and Flower Seeds except where noted.* ☜

ASPARAGUS.

Spargel, GER. *Asperge*, FR. *Esparragos*, SP.

One ounce will sow 40 feet of drill, 15 lbs. to the acre.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and 2 feet in the rows, spreading out the roots, and cover gradually during the season to 6 or 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year after planting.

Conover's Colossal. The standard variety, large and productive. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Dreer's Eclipse. One of the largest and best. Stalks frequently measure two inches in diameter, and, even when twelve to fifteen inches long, are perfectly tender.
Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

Palmetto. An early prolific and very desirable variety.
Pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

Donald's Elmira. This fine new variety originated in Elmira, N. Y., where it has attained local renown. It is of mammoth size and unexcelled quality.
Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

Columbian Mammoth White. A new and choice variety, producing white stalks of large size and finest quality, a valuable introduction.
Pkt. 15 cts., oz. 50 cts., ¼ lb. $1.50, lb. $5.00.

Asparagus Roots.

The Asparagus roots we offer are extra strong, two years old, where not otherwise stated.

Conover's Colossal. $1.00 per 100; $6.00 per 1000.
Dreer's Eclipse. $1.25 per 100; $7.00 per 1000.
Palmetto. $1.25 per 100; $7.00 per 1000.
Donald's Elmira. $1.50 per 100; $9.00 per 1000—1 year, $1.25 per 100; $7.00 per 1000.
Columbian Mammoth White. 1 year old, $1.50 per 100; $10 00 per 1000.

ARTICHOKE.

Artischoke, GER. *Artichaut*, FR. *Alcachofa*, SP.

The edible part of the Artichoke is the undeveloped flower-head, which is only fit for use in an immature state. The heads, which are very fleshy and tender when properly cooked, are boiled and served with butter, pepper and salt. The seed should be sown early in the spring, in drills, an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills, three feet apart and two feet between the plants. It likes a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure.

Large Green Globe. The best for general culture. (Seed only.) Pkt. 10 cts., oz. 40 cts.

GLOBE ARTICHOKE.

Jerusalem Artichoke. This is entirely distinct from the Globe Artichoke, and is propagated by and for its tubers, which are used for pickling and for feeding stock; yield about 300 bushels per acre.
Qt. 20 cts., peck $1.00, bush. $3.00. (2 lbs. by mail 50 cts.)

"Asparagus Culture." The best methods employed in England and France, by Jas. Barnes and Wm. Robinson. Price 50 cts. by mail.

BUSH BEANS.

Buschbohnen, GER. *Haricot Nain*, FR. *Habas ò Frijolenano*, SP.

One quart will plant one hundred feet of drill.

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

GREEN PODDED SORTS.

Improved Red Valentine. Extra early round pod. Our strain of this popular and excellent variety is a great improvement on the Early Red Valentine, which we have long ago discarded. It is much earlier, pods being ready to pick, under favorable conditions, in thirty-two days from germination. It is one of the most profitable sorts for private use or market. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Extra Early Refugee. A profuse bearing variety. One of the very best early sorts. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Early Mohawk. The hardiest of the early varieties; also good for autumn pickling. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.00.

Emperor William. The earliest variety; pod green and thin, but stringless when young, excellent for shelling green, and the ripened crop can be used to advantage as a soup bean. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Early Round Yellow Six Weeks. New, stringless. A hardy and prolific variety, a good and reliable cropper. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.00.

Long Yellow Six Weeks. A very early prolific, and excellent variety. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Ne Plus Ultra. An extra early variety, with full, flat pods; very productive and tender; an excellent sort for forcing. Pkt. 10 cts., qt. 40 cts., peck $2.50.

White Valentine. The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt. 10 cts., qt. 30 cts., peck $1.50.

Sion House. The best sort for forcing, as it comes early into bearing and produces long, stringless, mottled pods of excellent quality. Pkt. 15 cts., qt. 40 cts., peck $2.50.

Boston Pea Bean (*Navy*). An excellent variety of very productive habit; for baking they excel all other sorts. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.00.

IMPROVED RED VALENTINE.

Black Turtle Soup. Used as a winter shelled bean, for which it is much esteemed. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.00.

White Marrowfat. Extensively grown for sale as a dry bean for winter use, excellent shelled, either green or dry. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.00.

White Kidney or Royal Dwarf. A superior kind for baking, and is also excellent when shelled green. Pkt. 10 cts., qt. 25 cts., peck $1.25, bu. $4.00.

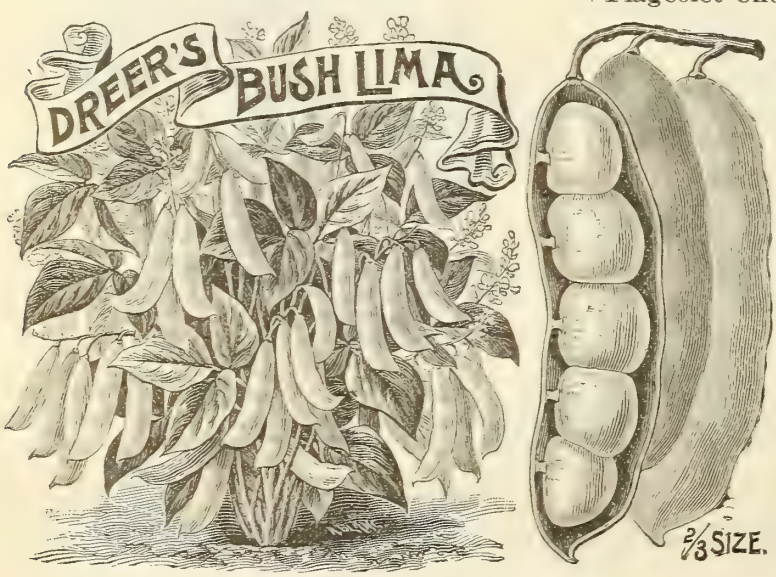
DWARF FLAGEOLET BEANS.

Used extensively as shell beans when in the green state; they are of delicious quality, pods emerald green, long and thin, enormously productive, superior for canning and pickling. In a dry state for culinary use they are unsurpassed.

Green Flageolet (*Wonder of France—Paris Canner*). The best of the newer dwarf French varieties; the pods are long and straight. The beans are bright green, retaining their fresh appearance when cooked. Pkt. 10 cts., qt. 30 cts., peck $1.50.

Flageolet Chevrier. Seeds and pods bright green even when fully ripe. Pkt. 10 cts., qt. 40 cts., peck $2.50.

Canadian Wonder. Seeds red; pods large, broad, green and quite prolific. Pkt. 10 cts., qt. 40 cts., peck $2.00.



BUSH LIMA BEANS.

Dreer's Bush Lima. A dwarf variety of the Dreer's Improved Lima, the best of all dwarf Limas. Pkt. 10 c., qt. 80 c.

Burpee's Bush Lima. A true bush form of the Large White Lima, requires no poles. Pkt. 10 cts., qt. 80 cts.

Henderson's Bush Lima. A dwarf variety of the Sieva or Southern Lima, produces enormous crops two weeks earlier than the climbing Limas. Pkt. 10 cts., qt. 40 cts., peck $2.50.

ENGLISH OR BROAD BEANS.

Broad Windsor. Used only as a shelled bean. Plant as soon as the frost is out of the ground, in drills 3 feet apart and 2 inches deep. Pinch off the top as soon as the lower pods begin to fill. Pkt. 10 cts., qt. 40 cts.

YELLOW PODDED WAX BEANS.

Improved Golden Wax (*Rust Proof*). The standard variety for general use; pods long, nearly straight, broad, flat, golden yellow, fleshy and wax-like; of the highest quality. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

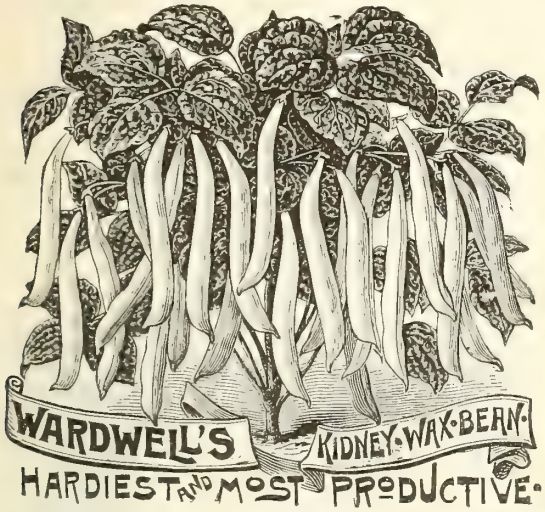
Improved Prolific Black Wax (*Cylinder Wax*). This is a great improvement on the old Black Wax; pods when fit for use are waxy yellow, very tender, delicious and productive. Pkt. 10 cts., qt. 30 cts., peck $1.50, bu. $5.50.

Early Refugee Wax. A perfect Refugee with wax pods that are long, round and of a golden yellow color. It is one of the earliest and an immense yielder. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

Wardwell's Kidney Wax. One of the very best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle, of fine buttery flavor and a heavy yielder. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

Challenge Dwarf Black Wax. This excellent new Bean proved to be one of the very best in our trials last year. It gives a full picking of well-matured pods earlier than any other Wax Bean. Nothing better for a first early crop and for planting after a crop of early Peas for autumn use. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

Improved Prolific Black Wax.



Yosemite Mammoth Wax. A giant among beans. The pods, frequently reaching a length of 8 to 10 inches, are of great thickness and solidity. They are of a rich golden yellow color and absolutely stringless, cooking tender and delicious. It is a wonderfully prolific variety. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., peck $3.00.

Scarlet Flageolet Wax. An excellent golden podded dwarf Bean. The pods are large and borne profusely; are stringless, tender and of fine flavor. It is remarkably productive, free from blight, and in all respects a desirable sort. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $7.00.

White Wax. Pods yellow and of good quality; does not spot easily, and is a good sort for ordinary use; it is also valued for its white seed as a winter shelled bean. Pkt. 10 cts., qt. 30 cts., peck $1.50, bu. $5.50.

Golden-Eyed Wax. This is a very hardy and prolific variety; the pods are flat, long and straight, and larger than the Golden Wax. Pkt. 10 cts., qt. 40 cts., peck $1.75, bu. $6.00.

Black-Eyed Wax. A cross between the Golden and Black Wax, combining the best characteristics of each with the advantage of being three to five days earlier than either variety. It is a strong grower, very productive, tender, and of exceeding fine flavor. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

Bismarck Black Wax. A new and excellent variety, bearing profusely long, nearly straight, white and wax-like pods, of very good quality and handsome appearance. Pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

Speckled Wax. This new variety is unquestionably one of the best of the Wax Beans. The vines are large, much branched, upright, extremely hardy, vigorous and productive; pods long, cylindrical, crisp, tender, stringless and of a clear yellowish waxy-white color. Per pkt. 10 cts., qt. 40 cts., peck $2.00, bu. $6.00.

Improved Golden Wax.

Add for Postage 8 cts. per pt., 15 cts. per quart. Quarter bushels and over are sent by express or freight at purchaser's expense.

POLE BEANS.

Stangen Bohnen, Ger. *Haricots à rames*, Fr. *Frijol vastago*, Sp.

One quart will plant about one hundred and fifty hills.

All under this head require poles 8 to 10 feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. When sowing Lima Beans place the eye downwards, and thin out to three plants to a pole, if the soil is rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.

Dreer's Golden Cluster Wax.

Dreer's Golden Cluster Wax. This is without exception the *best* Pole Bean. It bears profusely its long golden-yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. In all the points requisite to a good bean for market this variety excels. It is distinct in seed, in color and habit of growth. The pods retain their tenderness long after the beans have attained a large size. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., peck $2.50.

Horticultural, or Speckled Cranberry. Equally good as a snap-short or shelled in the green or dry state. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., peck $2.00.

White Dutch Case-Knife. One of the earliest, used as a shelled bean, green or dry. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck $2.50.

White Dutch Runner. An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean. Pkt. 10 cts., qt. 40 cts., peck $2.50.

Scarlet Runner. A great favorite, producing clusters of beauiful scarlet flowers. The leading pole bean of English gardens. Pkt. 10 cts., qt. 40 cts., peck $2.50.

White Creaseback, or Best of All. One of the earliest green-podded pole beans, exceedingly productive and of fine quality. Pkt. 10 cts., qt. 40 cts., peck $2 50.

Kentucky Wonder, or Old Homestead. Producing in clusters excellent snap-short beans in 80 days from germination. Pkt. 10 cts., qt. 40 cts., peck $2.50.

POLE LIMAS.

Early Jersey Lima. A few days earlier than the Large Lima. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck $2.50.

Dreer's Improved Lima. A very superior early variety, of excellent quality, and great productiveness. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck $2.25.

Large White Lima. This variety is largely grown and highly esteemed. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck $2.25.

King of the Garden Lima. A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck $2.50.

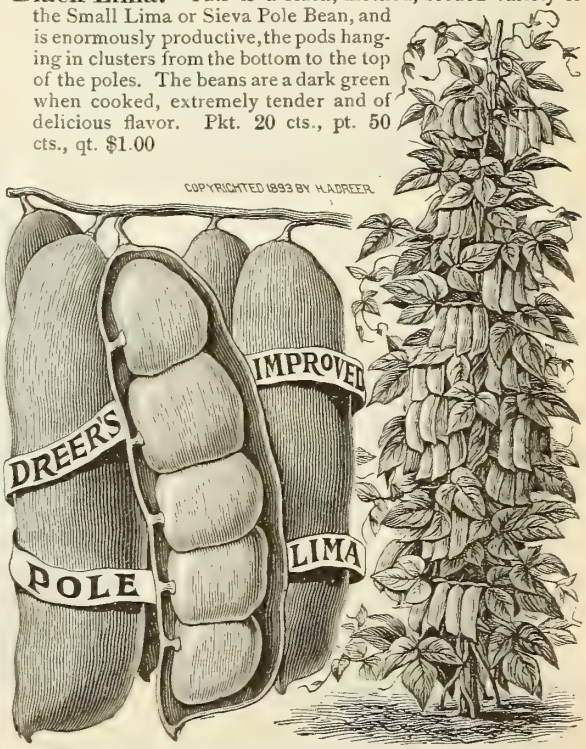
Ford's Mammoth Lima. A choice selection of the Large Lima, which we can confidently recommend. It produces pods and beans of enormous size and in great abundance. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck $2.50.

Horticultural Lima. This is a new variety of the highest merit. It is a cross between Dreer's Pole Lima and Dwarf Horticultural, combining the excellent quality of the Dreer Lima with the earliness, hardiness and flavor of the Horticultural, being fully three weeks earlier than any other Lima. It may be grown successfully in the North and in Canada, where the ordinary Lima will not mature. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., peck $4.00.

Small Lima, or Sieva. The earliest of the Limas. A prolific bearer, beans small but of good quality. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck $2.25.

Willow Leaf Lima. This variety is of the Sieva or Sewee type. It matures early and bears enormous crops. The foliage is finely cut and very ornamental. Pkt. 10 cts., pt. 25 cts., qt. 50 cts.

Black Lima. This is a black, mottled, seeded variety of the Small Lima or Sieva Pole Bean, and is enormously productive, the pods hanging in clusters from the bottom to the top of the poles. The beans are a dark green when cooked, extremely tender and of delicious flavor. Pkt. 20 cts., pt. 50 cts., qt. $1.00



Add for postage 8 cts. per pt., 15 cts. per qt. Quarter bushels and over sent by express or freight at purchaser's expense.

BEET.

Rothe oder Runkelrübe, GER. *Betterave*, FR. *Acelga ò Remolache*, SP.

One ounce will sow fifty feet of drill; five to six pounds for an acre. The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated. To preserve Beets during the winter select a dry piece of ground and put about 20 bushels in a pile, covering with sufficient earth to keep out the frost.

Extra Early Egyptian Turnip. One of the earliest, of good quality and medium size, a fine forcing variety, small top. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Early Eclipse. Remarkable for its rapid growth, extreme smallness of top, and extra fine quality. Perfectly smooth and round; skin and flesh intense red; very fine grained and sweet. An excellent sort for forcing. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Bastian's Early Blood Turnip. The perfection of a Beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Lentz Turnip. Of similar size and shape to the Bastian Turnip; top small; dark red and white; early and profitable. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Early Bassano. A very early flat variety, tender, juicy; flesh white and rose colored. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Early Blood Turnip. Not as early as the Egyptian, but of good quality, blood-red, tender, and good for late keeping. Pkt. 5 cts., oz. 10 cts., ¼ lb 20 cts., lb. 50 cts.

Edmand's Early Blood Turnip. An excellent early variety, flesh dark red and white, sweet and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Carter's Excelsior Early Blood Turnip. A most promising new variety; roots of medium size and handsome shape; skin very smooth; flesh blood red, and of the best quality. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25.

Dewing's Improved Blood Turnip. An improved variety of the Early Blood Turnip, of deep, blood-red color, fine form and flavor; an excellent market sort. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Bastian's Half-Long Blood. Of bright color and excellent quality; a valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Improved Long Dark Blood. A good late variety for fall and winter use, sweet and tender. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Swiss Chard. The midrib is stewed and served as Asparagus, and the leaves used as Spinach. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Ornamental-Leaved. (*See Flower Seeds.*)

For Mangel Wurzel and Sugar Beets, see Farm Seeds, page 34.

BROCCOLI.

Spargel-Kohl, GER. *Chou-Brocoli*, FR. *Broculi*, SP.

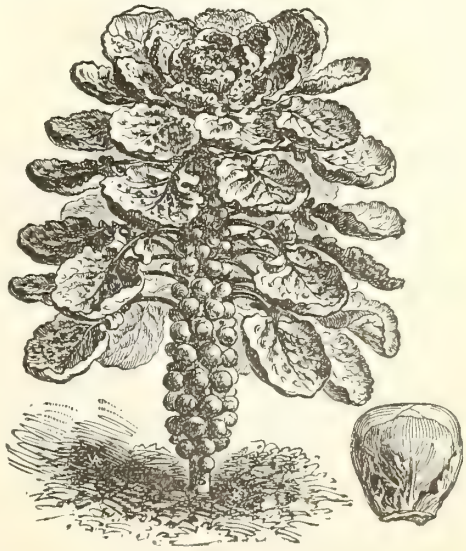
White Cape. The best variety. Large, compact heads of a creamy white color and of good flavor. Can be grown where Cauliflower makes an uncertain crop. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.50.

BRUSSELS SPROUTS.

Rosen-Kohl, GER. *Chou de Bruxelles*, FR. *Bretones, de Bruselas*, SP.

One ounce will sow 300 feet of drill.

Improved Matchless. Produces on the stem small heads resembling miniature Cabbages. The sprouts are used as greens, and become very tender when touched by frost. Sow in May, and manage as winter Cabbage. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.



BRUSSELS SPROUTS, IMPROVED MATCHLESS.

Special prices to Market Gardeners on Beet Seed by the bushel.

CABBAGE.

Kopf-Kohl, Ger. *Chou Pomme ou Gabus*, Fr. *Col ó Repollo*, Sp.

One ounce for a bed of forty feet will produce about 2,000 plants.

For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold frames in March, transplant when danger from killing frosts is passed to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared, rich ground, from the 10th to the 25th of September. When the plants are large enough prick them out of the seed-bed into the frames. It is important that the plants should be set down to the first leaf, so that the stem is all under ground. Protect during severe weather with a covering of glass, and give plenty of air and light during mild days. The plants are usually set out from the middle of March to the middle of April, in rows about 2 feet apart and 18 inches in the row. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart, and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood-ashes, air-slacked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

EXTRA EARLY VARIETIES.

Early Jersey Wakefield. The leading early variety and the best for private use. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts., lb. $2.50.

Express. The earliest of all Cabbages, small in size, with solid, compact heads. It can be planted very close in the rows. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts., lb. $2.50.

Etampes. A very early sort, producing medium-sized heads, very sharply pointed. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Early Winnigstadt. A solid and tender variety; good for either early or late; in some sections the best early sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Early French Oxheart. Heads very early, tender, and of fine flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Large Early York. A superior early-heading robust sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

SECOND EARLY VARIETIES.

Dreer's Early Drumhead. A favorite with the market gardeners; a second early, large, solid-heading variety. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.00.

The Charleston or Large Jersey Wakefield. An extra selected sort, producing large solid heads, of good quality, a few days later than Early Jersey Wakefield. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.00.

All Head. The largest heading of the second early sorts, of excellent quality. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.00.

Early Improved Flat Brunswick. The best early Flat Dutch for market gardeners; either as a second early or late sort; short stems, large solid heads. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

Henderson's Early Summer. A second early sort with large solid heads, coming in a few days later than the Wakefield. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

Succession. A second early round-headed sort, heads very evenly and comes in a few days after Early Wakefield. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

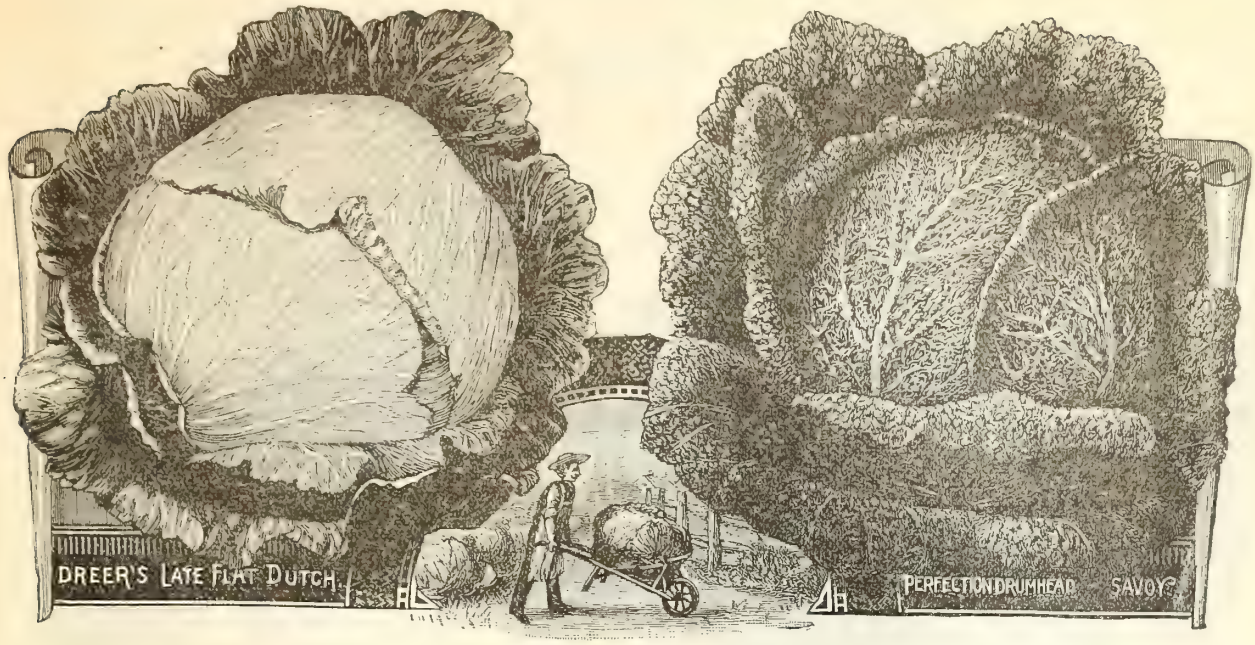
All Seasons (*Vandergaw*). An early Drumhead Cabbage, yielding heads of good size. Very desirable, either for extreme early spring or fall use. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

LATE VARIETIES.

Dreer's Selected Late Flat Dutch. Short stem and large, solid flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is on the market. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

Large Late Drumhead. A favorite winter variety, extensively grown for shipping purposes. It bears extra large solid heads of good quality. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Louisville Drumhead. This is a popular variety in the southwest where it is claimed to stand the heat better than most sorts, of large size, solid and a good keeper. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.



SAVOY CABBAGE.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other cabbages.

Dreer's Crystal Summer Savoy. A fine new sort. Medium size, heads nearly round, deeply curled and very tender. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.00.

Perfection Drumhead Savoy. Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the Cauliflower. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

Mammoth Rock Red.

RED CABBAGE.

Early Red Dutch Erfurt. Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired this sort should be sown. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

Red Dutch Drumhead. A large heading variety, fine for pickling. The variety most sown, as it makes large solid heads. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Mammoth Rock Red. The largest and most solid of the Red varieties. A sure heading sort and tender. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.25.

CABBAGE PLANTS.

(*See Vegetable Plants, page* 33.)

CARDOON.

The mid-ribs of the leaves, which are thick and crisp, are the eatable parts, and are generally used in soups or stews, after being blanched in the same manner as Celery. They are in perfection during the autumn and winter. Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground, three feet apart and one foot in the rows; the roots remain from year to year.

Large Spanish. The best variety. Pkt. 10 cts., oz. 40 cts.

CHICORY.

Common, or Wild. This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in a cellar; the shoots, which will come up soon, form the "Barbe de Capucin." Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

Large Rooted. Used to mix with or as a substitute for coffee. Cultivation same as the carrot. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

CHERVIL.

While young and tender, used as a salad, and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in May, in drills one foot apart and half an inch deep, thinning out to stand one foot apart in the rows.

Curled Chervil. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Curled or Double Chervil.

CAULIFLOWER.

Blumen-Kohl, GER. *Chou-Fleur*, FR. *Coliflor*, SP.

One ounce for one thousand plants.

Sow for early use about the middle of September or October, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day. When this is not practicable, they may be had nearly as well by sowing the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in other hot-bed, until time to plant out. If hardened off, they are seldom injured by planting out, as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter Cabbage.

Dreer's Earliest Snow-Storm. The earliest and best of all for forcing. It is dwarf, with short outer leaves, and can be planted 2 feet apart each way; always sure to make large fine heads earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth. Pkt. 25 cts., oz. $5.00.

Early Dwarf Erfurt. An early market variety, very productive, with large, white, compact heads of good quality. Pkt. 10 cts., oz. $1.50.

CAULIFLOWER—*Continued.*

Dreer's Selected Dwarf Erfurt. One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid pure-white heads of the finest quality; it grows about 15 inches high, and in ordinary seasons every plant will produce a marketable head. Pkt. 20 cts., oz. $2.50.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture. Pkt. 20 cts., oz. $2.50.

Half Early Paris. A popular, white, sure-heading variety, good for early or late use. Pkt. 10 cts., oz. 60 cts.

Lenormand's Short Stem. A large, late, short-stemmed variety, with well-formed white heads, of extra quality. Pkt. 10 cts., oz. 60 cts.

Algiers. An extra fine late variety, suitable for market and sure to head. Pkt. 10 cts., oz. 80 cts.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit, heads large, compact, and thoroughly protected by the leaves. Pkt. 10 cts., oz. 50 cts.

CRESS.

Garten und Brunnen Kresse, GER. *Cresson*, FR.

Sow thickly in shallow drills, early in the spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

Extra Curled, or Peppergrass. Fine flavor, and the best sort for dry soils. Pkt. 5 cts., oz. 10 cts., ¼ lb 20 cts., lb. 50 cts.

Upland Cress. A perennial plant, grown in the same manner as Spinach; resembles water-cress in flavor. Pkt. 10 cts., oz. 50 cts.

Erfurt Water Cress. A most desirable and appetizing salad, thriving best in shallow water, on the edges of streams. Pkt. 10 cts., oz. 40 cts.

WATER CRESS.

CORN SALAD, OR FETTICUS.

Ackersalat, oder Lämmersalat, GER. *Mache*, FR.

One ounce will sow twenty square feet.

Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

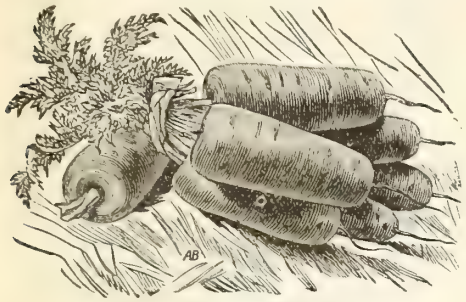
Large Seeded. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

CARROT.

Möhren, Ger. *Carotte*, Fr. *Zanahoria*, Sp.

One ounce will sow one hundred feet of drill; three to four pounds for one acre.

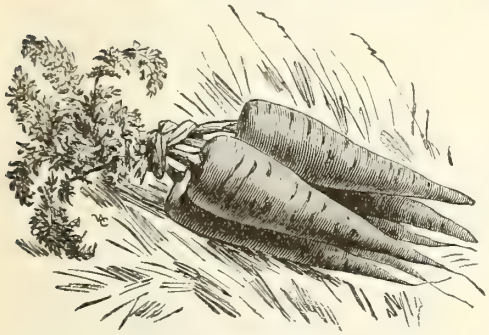
Carrots to grow in perfection require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about one foot apart, thinning out to 4 inches in the row; sow for main crop in June and July. The large late varieties for field culture should be sown in drills 3 to 3½ feet apart, so as to cultivate by horse. An important point in sowing Carrot, as in all other seeds, is to tread the rows firmly after sowing.



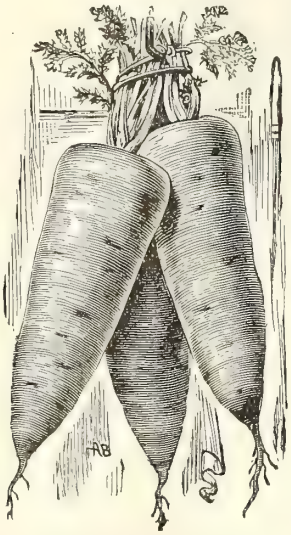
Early Scarlet Horn.

Half-Long Nantes.

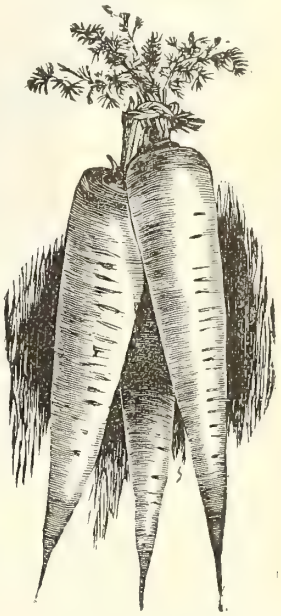
Half-Long Carentan



Early Half-Long Scarlet.



Danvers Half-Long.



Improved Long Orange.

Earliest Short Horn. The earliest forcing variety, root small, reddish-orange, of globular shape and excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts.

Early Scarlet Horn. The favorite early red summer variety; fine grained and good flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

Half-Long Nantes. An early half-long stump-rooted variety of superior quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Chantenay Half-Long. Resembling the Nantes, with larger shoulders and more productive. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Guerande, or Oxheart. This is a desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. It frequently grows as thick as long, thus making it really as large as the longer sorts, and can be easily pulled by hand. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Early Half-Long Carentan. An excellent scarlet variety, without core, for forcing or the open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Early Half-Long Scarlet. A very desirable pointed-rooted variety, productive and early, coming in between the Scarlet Horn and the Long Orange. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

St. Valery. A desirable sort for private gardens; of rich and attractive color, good size and of fine flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Danvers Half-Long Scarlet. A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

Long Orange. The best late variety, for general field culture. It is an excellent keeper and retains its bright orange color during the winter. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

Nichols' Improved Long Orange. This is a very fine selection of the Long Orange Carrot, early, productive and of fine shape and quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

Altringham. A large and fine flavored red Carrot; an excellent sort for winter use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

Large White Belgian. This variety is of the largest size, and is principally grown for feeding stock. It may be fed to cows alternately with Ruta Baga and Mangel Wurzel with the best results. Forty tons can be raised on an acre. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts.

COLLARDS.

Creole, or Southern. Cabbage Greens, used as a substitute for Cabbage in portions of the South where it is almost impossible to succeed in raising cabbage-heads. Sow from June to August for a succession. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

CELERY.

Sellerie, GER. *Celeri*, FR. *Apio*, SP.

One ounce will produce about twenty-five hundred plants.

Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet, and the taller sorts 4 feet between the rows, plants 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling;" after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth up nearly to the tops of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches 1 foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

CELERY—*Continued.*

White Plume. The stalk and portions of the inner leaves and heart are white, so that by tying them up with matting, or simply drawing up the soil against the plant, the work of blanching is completed; while with all the other kinds of Celery, in addition to this, the slow process of high "banking" is a necessity. It is a very ornamental variety, while its qualities are equal to the best older sorts. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Golden Self-Blanching. An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden yellow, with light yellowish green outer leaves. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Golden Half Dwarf. The best of the half dwarf varieties, stalks large and full, the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Perfection Heartwell. This is one of the very best varieties in cultivation, stalks long and thick, very compact, crisp and of fine flavor. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Early Arlington. An improvement on the Boston Market, being earlier and of larger growth and blanches rapidly. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Dwarf Rose. In this variety we have a combination of the best qualities of Celery. The red sorts far surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Large White Solid. The best of the large growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows. This variety is most suitable for southern sections of the country, as it grows freely in a hot or dry atmosphere. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Soup, or Flavoring Celery (old seed). Used for flavoring pickles, sauces, etc. Oz. 5 cts., lb. 30 cts.

We can also supply the following well-known varieties: **Boston Market. Henderson's Dwarf White. Sandringham Dwarf White.** Per pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

GIANT SMOOTH PRAGUE.

CELERIAC.

Turnip-Rooted Celery.

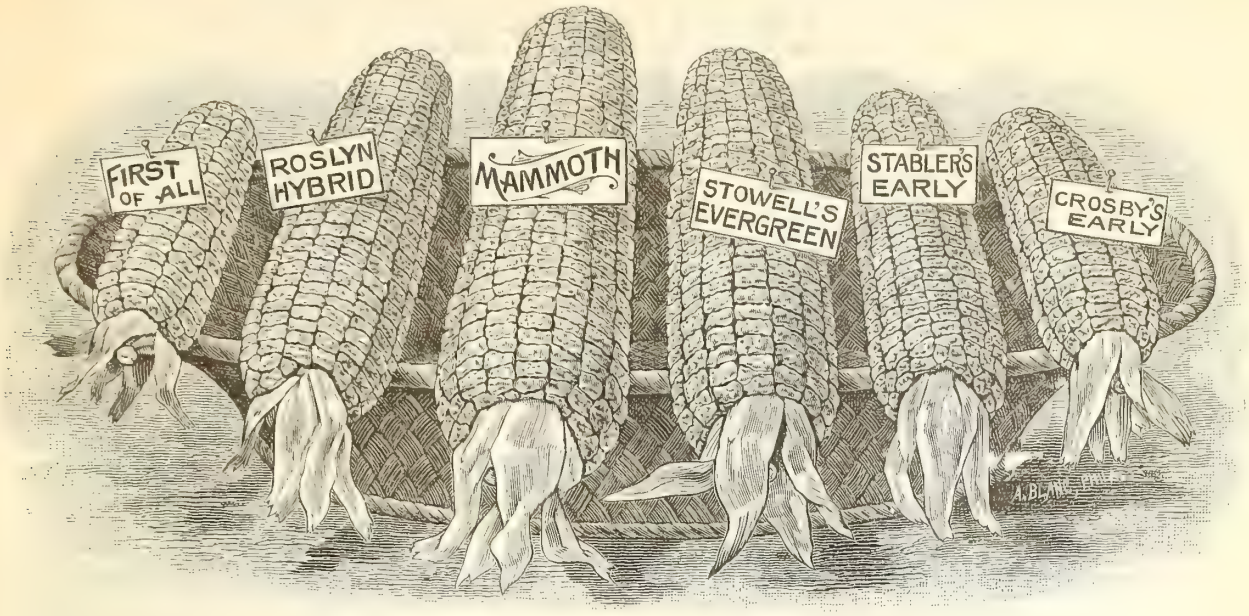
Knoll Sellerie, GER. *Celeri-kave*, FR. *Apio-nabo*, SP.

Sow the seed in same way that Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots.

Giant Smooth Prague. A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

Apple-Shaped. An early, smooth variety; of good flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

(*For Celery Plants see page* 33.)



CORN, SWEET OR SUGAR.

Welschkorn, Ger. *Mais*, Fr. *Maiz*, Sp.

One quart will plant two hundred hills; eight to ten quarts for an acre in hills.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.

The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill.

Dreer's First of All. The very earliest Sweet Corn, ripening a week earlier than Cory and of superior quality. Ears medium-sized, very full, sweet and of delicious flavor. Pkt. 10 cts., qt. 25 cts., peck $1.25.

Adams' Extra Early. The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Early Cory. An extra early sort, very sweet and of rich flavor; desirable for private or market gardens. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Early Minnesota. One of the earliest, habit dwarf, ears small and productive. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Crosby's Early. A favorite variety, very early, productive, ears rather short, and of a rich, sugary flavor. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Stabler's Early. Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable gardener's and canning variety. Pkt. 10 cts., qt. 25 cts., peck $1.25.

Black Mexican. A black grained variety, sweet and tender; must be picked young to avoid a black appearance when cooked. Pkt. 10 cts., qt. 20 cts., peck $1.25.

Perry's Hybrid. An excellent large-eared early variety, following the Minnesota and about twice its size. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Stabler's Nonpareil. The best second early Corn. It yields large ears, bearing tender grains of the most delicious flavor. A superior sort for the canning trade. Pkt. 10 cts., qt. 25 cts., peck $1.25.

Triumph. Ear large, productive, flavor rich and sweet; a fine market variety. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Egyptian. A fine large variety, somewhat resembling the Evergreen; flavor peculiarly rich and sweet. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Ne Plus Ultra (*Little Gem*). An old but excellent variety that is grown around Philadelphia by those who know a good thing, its small size being in large measure atoned for by its productiveness and its exquisite flavor. Pkt. 10 cts., qt. 20 cts., peck $1.00.

Country Gentleman (*Improved Ne Plus Ultra*). An improvement on the Little Gem, having the same excellent qualities as that desirable variety but with much larger ears. Pkt. 10 cts., qt. 25 cts., peck $1.25.

Roslyn Hybrid. A medium late variety, which will yield a heavy crop, producing a large ear, very sweet and delicious. Pkt. 10 cts., qt. 25 cts., peck $1.25.

Stowell's Evergreen. The latest and one of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.00.

Mammoth Sugar. The largest late sort, very productive, of fine flavor. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck $1.00.

SWEET FODDER CORN.

For soiling and green fodder. Sow 3 bushels to the acre, broadcast, or 1½ bushels in drills. Per bushel, $1.50.

FIELD CORN.

(*For list of varieties see Farm Seeds, page* 35.)

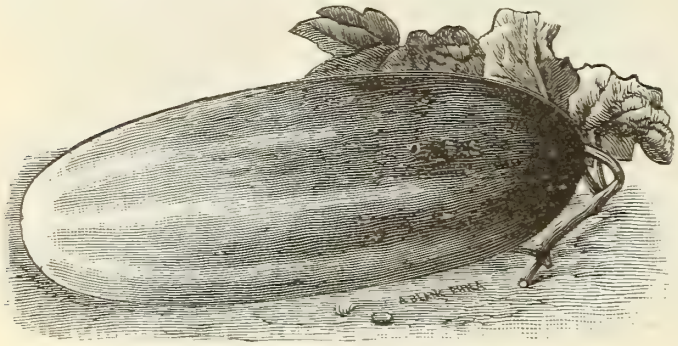
Add for Postage on Corn 6 cts, per pint, 10 cts, per quart. Pecks and bushels are sent by express or freight at purchaser's expense.

CUCUMBER.

Gurken, Ger. *Concombre*, Fr. *Pepino*, Sp.

One ounce will plant fifty hills; two pounds will plant one acre.

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant if the weather has become settled and warm in hills about 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July.



Improved Early White Spine.

Giant Pera. A long, smooth, straight, dark-green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender, and free from all bitterness. It requires a rich soil and to be grown quickly in order to bring it to perfection. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Chinese Long-Remaining Green. An excellent sort, combining the size, tenderness and quality of the English Frame varieties. It attains a length of 15 to 20 inches; is of good quality, solid, and has few seeds; medium early. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts.

Small Gherkin, or Burr. Also known as the West India or Jerusalem pickle; used only for pickling. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts.

Japanese Climbing. Fruits of medium size, well formed, and of a dark-green color; flesh very thick and of exquisite flavor. It can be grown as an ordinary ridge Cucumber or as a climber. Pkt. 10 cts., oz. 50 cts.

Improved Early White Spine (*Bennett's*). The favorite market variety, largely used for forcing. One of the best for all purposes. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Arlington White Spine. A strain of White Spine which has been improved through careful selection, with a view to use for forcing in hot-houses and frames. Our stock produces handsome, dark-colored fruits, which retain their color longer than other sorts. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Nichol's Medium Green. For early forcing, late sowing for pickling, or for ordinary table use, this variety will be found useful. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Green Prolific. One of the best pickling varieties, dark green, tender, crisp, very productive, uniform size, and good for table use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Early Cluster. A very early sort, well adapted for forcing or open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Early Frame, or Short Green. Excellent for table use or pickling. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Early Russian. One of the earliest; the fruit is small and produced in pairs. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Chicago Pickle. A variety largely used by pickle manufacturers, of medium size, a prolific bearer, and combines all the good qualities of an early cucumber. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

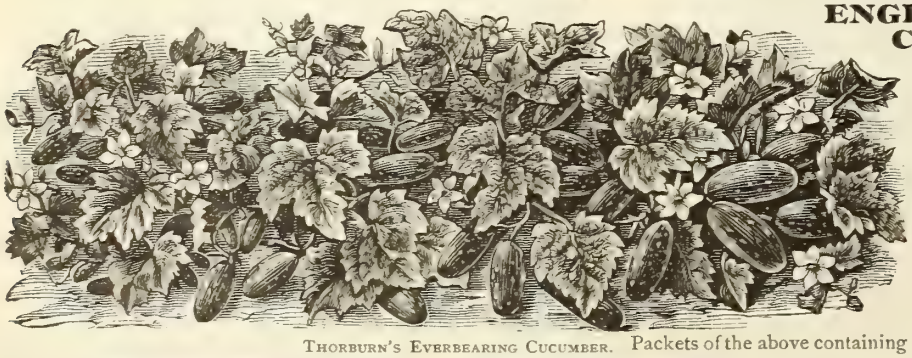
Long Green. The leading long variety for pickling, fruit dark green, firm and crisp. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Tailby's Hybrid. A hybrid between White Spine and English Prize, retaining the beauty of the long English and hardiness of the White Spine; of large size and excellent for market gardeners or family use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Chicago Pickle.

Thorburn's Everbearing. The peculiar merit of this new and unique variety is that the vines continue to flower and produce fruit in every stage of growth until killed by frost. It is of small size, very early, and enormously productive. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Giant White. New; fruits of a pure white color, making them very attractive for the table; they grow to a large size. Pkt. 10 cts., oz. 30 cts.



Thorburn's Everbearing Cucumber.

ENGLISH FORCING CUCUMBERS.

Grow in hot-beds where the temperature does not fall below 65 degrees at night.

Telegraph (Rollison's).
Sion House, Imp'v'd.
Marquis of Lorne.
Pearson's Long Gun.
Blue Gown.
Carter's Model.
Duke of Edinburgh.
Lord Kenyon's Favorite.

Packets of the above containing 10 seeds each. Per pkt. 25 cts.

THICK-LEAVED DANDELION.

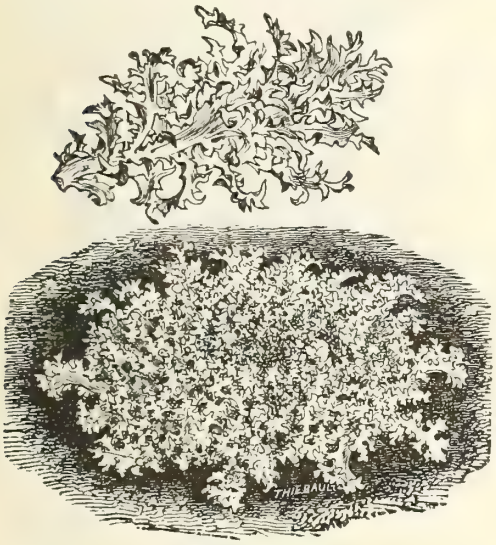
DANDELION.

Löwenzahn oder Pardeblume, GER. *Pissenlit*, FR. *Amargon*, SP.

The Dandelion is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the drills; the following spring it will be fit for use.

Broad-Leaved. Pkt. 10 cts., oz. 40 cts.

Thick-Leaved, or Cabbaging. An improved thick-leaved variety. Pkt. 10 cts., oz. 80 cts.



WHITE CURLED ENDIVE.

ENDIVE.

Endivien, GER. *Chicoree*, FR. *Endivia ó Escarola*, SP.

One ounce of seed to 150 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high transplant into good ground, or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together, and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slates. In three or four weeks they will be sufficiently blanched.

Improved Green Curled. Leaves finely fringed, of a bright green color, tender and crisp. Pkt. 5 cts., oz. 15 cts.

ENDIVE—*Continued.*

White Curled (*Self-blanching*). This is the finest white curled variety, grows to a large size, always crisp and very tender. The Chicory Salad of the restaurants. Pkt. 10 cts., oz. 20 cts.

Broad-Leaved Batavian. Leaves broad, light green, nearly plain, used in stews and soups. Pkt. 5 cts., oz. 20 cts.

Giant Fringed (*Oyster Endive*). A strong-growing variety with a large white heart and broad stems; the best sort for decorating. Pkt. 5 cts., oz. 20 cts.

EGG-PLANT.

Eierpflanze, GER. *Aubergine*, FR. *Berengena*, SP.

One ounce will produce about one thousand plants.

Sow the seed in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to the stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

Early Long Purple. The earliest and hardiest, very productive; fruit from 6 to 10 inches long. Pkt. 5 cts., oz. 25 cts.

New York Improved Large Purple. The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety. Pkt. 10 cts., oz. 40 cts.

Black Pekin. Fruit purplish black, round to globular, large, solid, smooth and glossy, very prolific, early, and of fine flavor. Pkt. 10 cts., oz. 50 cts.

EGG-PLANTS.

(*See Vegetable Plants, page* 33.)

GARLIC.

Used in cooking for flavoring purposes, it is more pungent than the onion. It is propagated by detaching the cloves or sets and planting them in rows 1 foot apart and 6 inches asunder. As soon as the leaves turn the crop is matured, and may be harvested like the onion. Per lb. 30 cts.

Dwarf Green Curled German Kale.

KALE (Borecole).

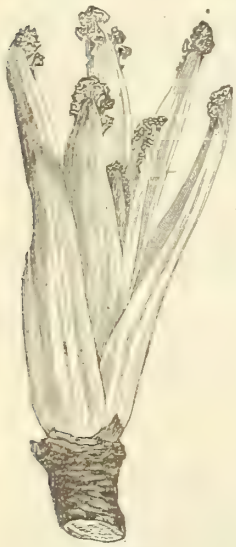
Grüner oder Blätter Kohl, Ger. *Chou Vert*, Fr. *Breton*, Sp.

One ounce of seed will sow a drill of about 200 feet.

The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

Sea Kale is much esteemed in England, in some parts of which it grows spontaneously. Sow the seed early in the spring, in well-manured and deeply-dug ground, 1 inch deep, and the rows 2 feet apart; thin out to stand 6 inches in the rows; before winter cover with litter or leaves, and the next spring transplant in hills 3 feet apart each way.

Dreer's Imperial Long Standing. A beautiful curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance and a bright green color. It is superior to all other sorts, and is undoubtedly the best for private gardens. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.



Sea Kale.

Dwarf Green Curled German. Leaves yellowish green, very compact and beautifully curled; sow in September for winter and early spring use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Dwarf Brown, or Purple. Large finely frilled leaves of excellent quality, very handsome and is frequently used for ornament. Pkt. 5 cts., oz. 25 cts.

Variegated or Garnishing. A finely curled leaved variety, beautifully variegated and very ornamental. Nearly every plant will show two or more distinct colors in the leaf, especially as winter advances. Pkt. 5 cts., oz. 25 cts.

SEA KALE.

A delicious vegetable, grown for its blanched shoots, which are cooked like Asparagus. Sow in the spring, and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower-pot; and if it is desired to force them, cover the pot and earth around with fresh manure. Pkt. 10 cts., oz. 25 cts., ¼ lb. 80 cts.

Sea Kale Roots. Per doz. $1.50.

KOHL-RABI.

(Turnip-Rooted Cabbage.)

Kohl-Rabi, Ger. *Chou-Rave*, Fr. *Col de nabo ó Nabicol*, Sp.

One ounce of seed will sow a drill of about 200 feet.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as for Cabbage, but in hoeing be careful not to throw earth into the heart of the plant, or the bulb cannot form.

Earliest Erfurt. A white, tender variety, with a smooth root and very short top; the best variety for out-door culture. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Early White Vienna. Flesh white and tender, a standard sort for market, table use or forcing; very short top. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts.

Early Purple Vienna. Bluish purple, similar to the above, except in color. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Giant Carentan Leek.

LEEK.

Lauch, Ger. *Poireau*, Fr. *Puerro*, Sp.

One ounce will sow about 100 feet of drill.

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. The whole plant is edible, and is used in soups, boiled with meat, etc. Considered by many as of more delicate flavor than the Onion. Sow early in April, in drills 1 foot apart, and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

Large American Flag. Large, hardy and of excellent quality. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Giant Carentan. The favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Musselburgh. Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

London Flag. An old and popular sort; one of the hardiest and best for winter use. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

LETTUCE.

Lattich oder, Garten Salat, GER. *Laitue*, FR. *Lechuga*, SP.

One ounce will sow 150 feet of drill.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early Cabbage; set the plants out early in April; or sow the seed in hot-beds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad sow the seed thickly in rows or broadcast.

Boston Market. White seed. Hardy and crisp; the earliest heading variety; one of the best for forcing. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Black Seeded Tennisball. A favorite forcing variety. Forms a close, hard head, with few outer leaves. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Hittinger's Belmont Forcing. An improvement on the Boston Market, larger in size, with well-formed heads of remarkably crisp and tender quality, most desirable for forcing. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

Big Boston. Resembles the popular Boston Market, but is nearly twice as large, a most desirable variety for forcing in cold frames and for out-door planting. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

Silver Ball. This is one of the best all the year round Lettuce we knowof. It is an excellent variety, as well for early spring and summer use as for winter forcing. The heads are silvery white, very firm and compact, with beautifully curled leaves. It is of fine quality, very tender and crisp, and does not soon run to seed. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

Early Dutch Butter, Spotted. Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Early White Dutch Butter. A favorite for sowing in the fall; nearly hardy, requires only a slight protection; produces fine, well-formed heads. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Dreer's Improved Hanson. This superior Lettuce which we introduced twenty years ago is the best summer heat-resisting sort. The heads grow to a remarkable size, and are sweet, tender and crisp; for out-door culture it is unequalled. Our stock is selected and true to its original purity. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Salamander. An excellent summer variety, forming good-sized heads, that stand drought and heat longer without injury than any other sort. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Denver Market. This new Lettuce is highly recommended either for forcing or open ground. It forms large solid heads of a good light green color, and is slow to go to seed. The leaves are beautifully curled and crimped, very crisp and tender. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

Royal Cabbage, or Summer Drumhead. Heads large, crisp, tender, of good flavor and stand the summer heat well. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Yellow Seeded Butter. A very distinct sort, making a compact yellow head, of excellent flavor, withstands heat well, and remains crisp and tender. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Defiance. This we consider one of the very best Lettuces. It is of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. As a summer variety it has already become a standard sort. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Kingsholm Cos. The finest Cos sort, forming long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Trianon Self-Folding. A new and distinct Cos Lettuce which does not need tying up, really a self-blanching sort; very crisp and tender and of excellent flavor. Pkt. 5 cts , oz. 20 cts., ¼ lb. 50 cts.

BOSTON MARKET.

SILVER BALL.

SALAMANDER

CURLED LETTUCES.

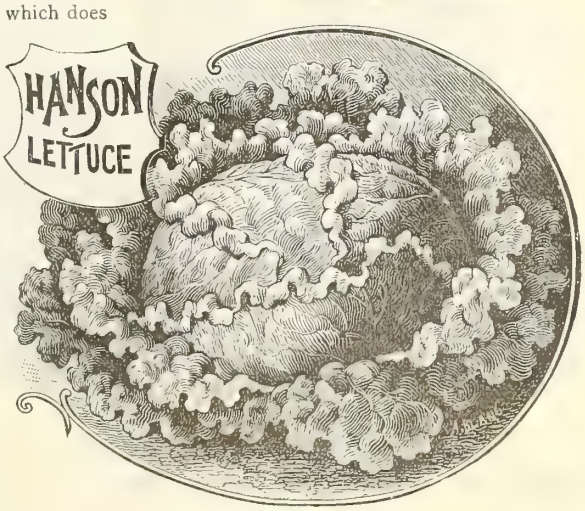
Early Curled Simpson (*Silesia*). This does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Black Seeded Simpson. Produces a compact mass of leaves of a light color, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Grand Rapids Forcing. This is regarded in the West as the best forcing and shipping variety. It matures quickly, is of large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other sort. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

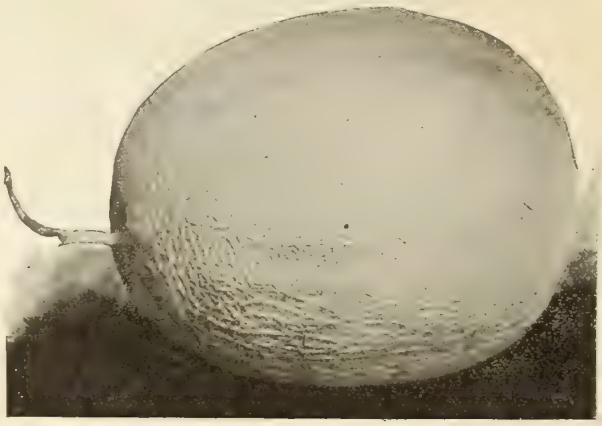
Oak Leaved. Very distinct, excellent for summer use and for growing in the South, as it resists the greatest heat. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

We can also supply the following varieties: **Emperor Forcing. Blonde Beauty. Paris White Cos.** Per pkt. 5 cts., oz. 20 cts.

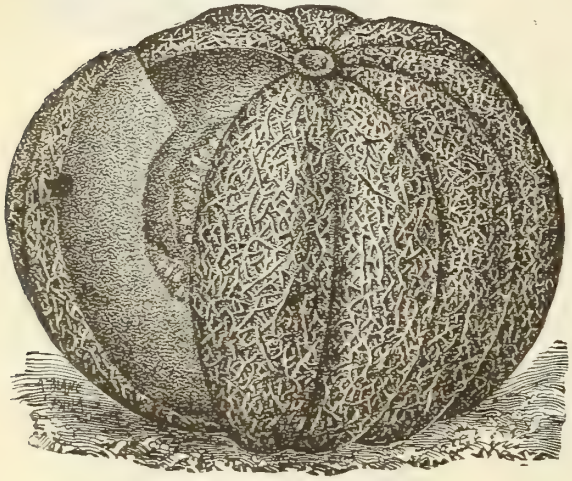


DREER'S IMPROVED HANSON.

Emerald Gem.



Columbus.



Extra Early Hackensack.

MELON, MUSK.

Melone, Ger. *Melon Muscade*, Fr. *Melones Muscatel*, Sp.

One ounce will plant about sixty hills; two to three pounds for one acre.

Melons thrive best in a light rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Musk Melons, 8 feet for Water Melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

Columbus. This very attractive new variety combines in a high degree sweetness and fine keeping and cropping qualities. Its beautiful buff skin is covered with a very thin whitish netting, flesh green, very solid and thick. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

Jenny Lind. The earliest variety; netted, of small, round size, excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Emerald Gem. A small very early Melon, form globular; flesh salmon colored, thick and luscious. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Hackensack. One of the best, of large size and attractive appearance; very productive and of excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Extra Early Hackensack. A week to 10 days earlier than the old Hackensack. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Montreal Market. Largest of the nutmeg varieties; uniform in shape; netted, flesh green; quality remarkably good. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

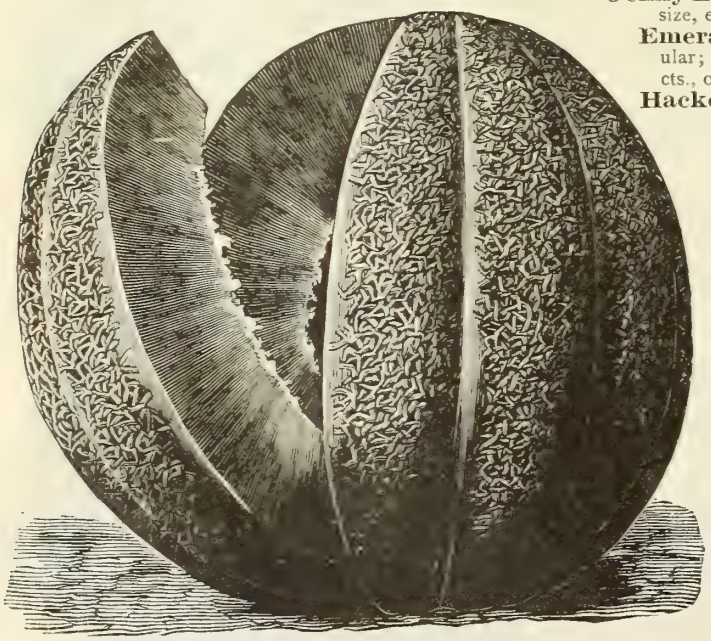
Golden Jenny. A small, highly prized early variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Miller Cream, or Osage. A remarkably good variety, of large size and delicious flavor; flesh rich salmon, very thick and solid. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Green Citron. Medium size, deeply netted, nearly round, of delicious flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Netted Pineapple, or Nutmeg. Medium size, flesh green, firm, juicy, and very sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Baltimore. An oval, green-fleshed Melon, of good size, flesh thick and of delicious flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.



Miller Cream, or Osage.

We can also supply the following varieties: **Bay View, Banquet, Delmonico, Golden Netted Gem, Mango or Vegetable Orange, Skillman's Netted, Surprise.** Per pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

WATER MELON.

One ounce for thirty hills; four to five pounds for an acre.

Dixie Water Melon.

Dixie. A cross between the Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equalling the latter in quality and fine flavor. It has a remarkably hard but very thin rind, and will keep longer than any other variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Black Spanish. Solid; very thin rind, flesh scarlet, sweet and luscious; a profitable variety for the market gardener. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Mountain Sweet. Early, large, oblong, dark-green, thin rind, flesh red, solid, rich and sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.

Kolb Gem. This Melon grows to a very large size and is an excellent shipper. Of a delicious sugary flavor, bright red flesh, firm and solid. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.

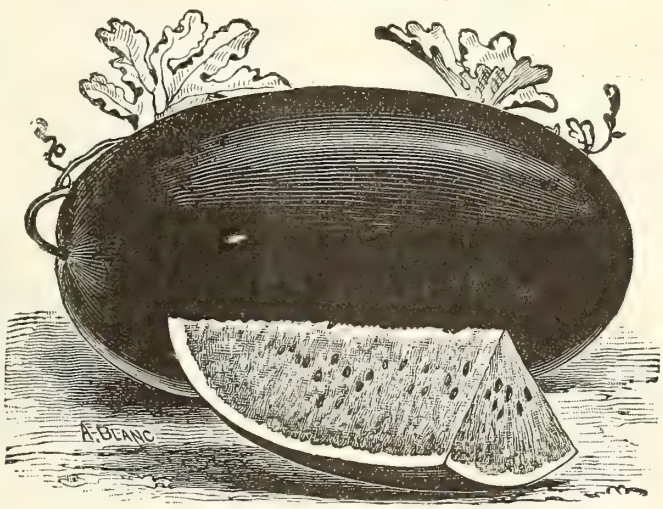
Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and deliciously sweet. Earlier than Kolb Gem by two weeks. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Cuban Queen. One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.

Boss. Color dark green, flesh unusually deep scarlet, rind very hard, but thin; quality of the best. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Ironclad. Of large size and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of a most delicious flavor, and is not surpassed for productiveness. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.



The Boss.

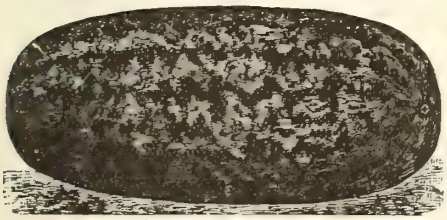
Pride of Georgia. Dark green; oval and attains a large size; flesh deep red, crisp and sweet. A good shipper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

Scaly Bark. A very large oblong variety, with a dark tough rind, which has a peculiar scaly appearance, crimson flesh, very solid, remarkably sweet, and an excellent keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.

Striped Gipsy, or Rattlesnake. An early variety, large, oblong, skin green, mottled and striped, rind thin, flesh crimson and fine flavored. One of the best shipping sorts. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.

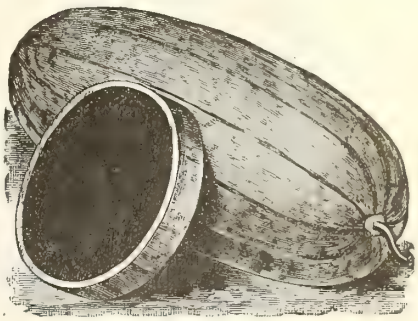
Ice Cream (*white seed*). One of the best; skin mottled gray; flesh pink, solid, sweet and melting; of medium size and nearly round. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

Seminole. A new extra early Water Melon, of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors —gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. It is a very productive Melon, and should be largely grown by farmers and truckers. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.



Florida Favorite.

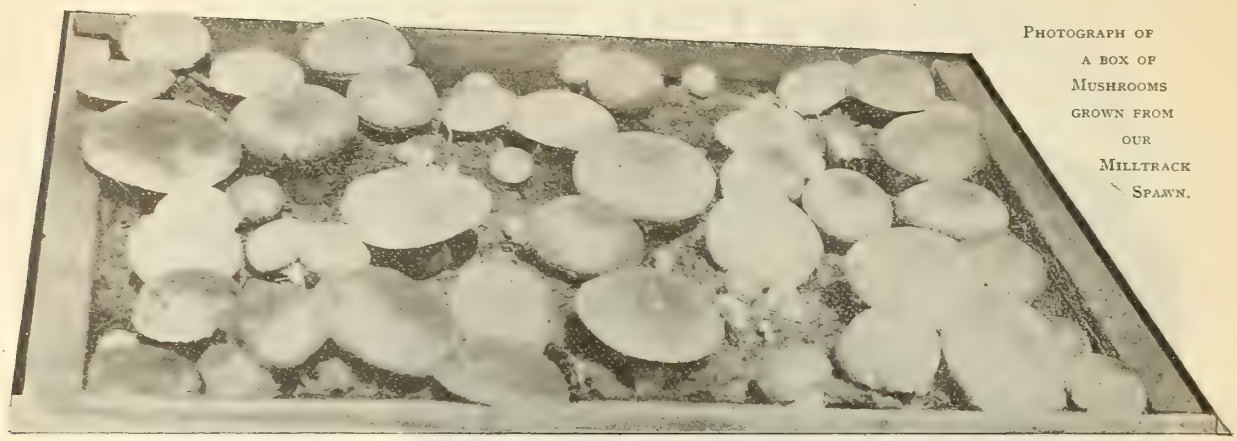
Colorado Preserving Citron. This variety combines all the best characteristics of a preserving Melon, and often attains a weight of 20 lbs.; flesh white and very firm. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25.



Seminole.

We can also supply the following varieties: **Light Icing. Green and Gold. Ruby Gold. White Gem. Hungarian Honey. Volga. Orange.** Pkt. 5 cts., oz. 15 cts., ¼ lb. 25 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.



PHOTOGRAPH OF A BOX OF MUSHROOMS GROWN FROM OUR MILLTRACK SPAWN.

MUSHROOMS.

The cultivation of this valuable and most nutritious esculent is greatly on the increase. The best results have been obtained by the use of our superior English Mushroom Spawn, which is largely used by the most successful growers around Philadelphia. Full and explicit instructions are contained in our circular "How to Grow Mushrooms Successfully," which we will mail free on application.

We will hereafter offer English Mushroom Spawn by the brick as imported instead of by the pound. The best makers put it up in bricks made as light as possible, and weighing from 1 to 1½ lbs. each.

Best English Milltrack Spawn. Per brick 15 cts., 12 bricks $1.75, 100 bricks $12.50.

French Spawn in 3 lb. boxes $1.25.

MUSTARD.

Senf, GER. *Moutarde*, FR. *Mostaza*, SP.

A small pungent salad used with Cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly, in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded; cut when about 2 inches high. For a crop of seed sow in April, in drills 1 foot apart, and thin out when 3 inches high.

White London. For salads and flavoring purposes. Oz. 5 cts., ¼ lb. 10 cts., lb. 30 cts.

Chinese. Leaves twice the size of the white, more succulent, deeper green, flavor sweet and pungent, and preferable as a salad. Oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

MARTYNIA.

The seed pods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills 3 feet apart each way, or in a hot bed, and afterwards transplant. It is also an attractive plant for the flower garden.

Martynia Proboscidea. Flowers light blue. Pkt. 5 cts., oz. 30 cts., ¼ lb. $1.00.

NASTURTIUMS.

Indianische Kresse, oder Kapuziner, GER. *Capucien grande*, FR. *Capuchina ó Berro Indio*, SP.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when all danger of frost is over; train the Tall on brush, trellises, or fences, and grow the Dwarf in beds.

Tall Mixed. The most profitable pickling variety. Pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

Dwarf Mixed. Beautiful colors. Pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.00.

OKRA, OR GOMBO.

Essbarer Hibiscus, GER. *Gombo*, FR. *Quimbombo*, SP.

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills. Hoe often, and earth up a little to support the stems. The very young pods can be gathered and dried for winter use.

Improved Dwarf Green. A very desirable sort for market gardeners, as it is very productive, bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Dreer's Little Gem. The best of the Dwarf sorts. Pods long, slender, and of a light green color. They are borne profusely, and retain their tenderness till of good size. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

White Creole (*Syn. White Velvet*). This variety is largely grown in the South, and is preferred by many to the green-podded sorts, as it is considered to be more tender and of better flavor. The pods are perfectly round, free from ridges and are soft and velvety to the touch. They are of unusual size and of a creamy white color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 90 cts.

IMPROVED DWARF OKRA.

ONION SETS.

Onion Sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the Onions can be used in the green state in June, or they will be ripened off by July.

Our Onion Sets have been kept in good condition and are recleaned.

White. Qt. 30 cts.
Yellow. Qt. 25 cts.
Potato Onions, Yellow. Qt. 25 cts.
Shallots. Qt. 30 cts.
Garlic. Lb. 30 cts.

Price per peck and bushel on application.

New White Multiplier Onion Sets. Hardy and productive. Qt. 30 cts.

ONIONS.

Zwiebel, Ger. *Ognon*, Fr. *Cebolla*, Sp.

One ounce for one hundred feet of drill ; six pounds for one acre.

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the Onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about ¼ inch deep, in March, or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds; for this purpose the Red Wethersfield and Yellow Danvers are usually preferred. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use thin out to 4 inches apart, to secure a crop of large Onions. This plan works admirably in the South, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.

Extra Early Red. Earlier than the Wethersfield, and somewhat smaller, close-grained and a good keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Large Red Wethersfield. A leading variety in the Eastern States; it grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

White Portugal or Silver Skin. One of the leading sorts, mild flavored, early, extensively grown for pickling. Pkt. 5 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.50.

Yellow Globe Danvers. A standard sort and one of the most desirable, an excellent keeper and very productive. Pkt. 5 cts., oz. 25 cts., ¼ lb. 65 cts., lb. $2.25.

Philadelphia Yellow Dutch, or Strasburg. The leading market variety, a good keeper, and well flavored; bright straw colored skin and somewhat flattened shape. Pkt. 5 cts , oz. 25 cts., ¼ lb. 65 cts., lb. $2.25.

Southport Red Globe. Beautiful globe-shaped, rich purplish crimson; a good keeper and of superior quality. Pkt. 5 cts., oz. 25 cts., ¼ lb. 65 cts., lb. $2.25.

Southport White Globe. Pure white color, mild flavor, and equally as good for keeping as the yellow sort. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.50.

Southport Yellow Globe. A very large, handsome, globular-shaped, yellow variety, very productive, of mild flavor, excellent keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 65 cts., lb. $2.25.

Mammoth Silver King. Of large size; specimens have been grown as much as 3 pounds, flat in shape, skin silvery white, flesh pure white, of exceedingly mild and delicate flavor. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

Prize Taker. This is the large pale yellow Onion that is offered for sale in the fruit stores and markets in the fall. It grows to a very large size, often 12 to 14 inches in circumference; flesh white, of mild and delicate flavor. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3 50.

White Pearl. One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Pkt. 10 cts , oz. 30 cts., ¼ lb. $1.00, lb. $3.50.

White Queen. A rapid growing silver-skinned variety, of mild flavor, early, and excellent for pickling. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

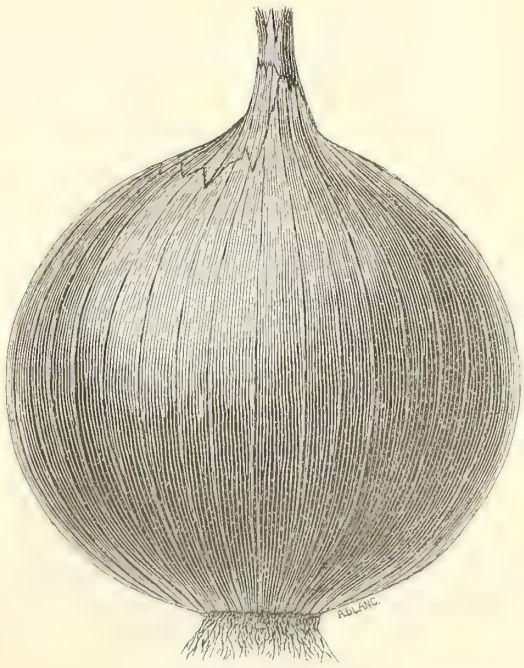
White Barletta. An extra early small pure white Onion. As a pickling variety it is unexcelled. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Large White Tripoli. An excellent large flat white variety, of quick growth and mild flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.

Large Red Tripoli. A large red, flat Onion. Like the other Italian sorts, it is free from strong aroma, and adds to its other good qualities that of keeping well during the winter. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.75.

White Victoria. With good cultivation this variety grows to a large size, of distinct oval shape, skin and flesh silvery white, sometimes tinted with light rose, very mild and sweet. Pkt. 10 cts., oz. 30 cts., ¼ lb. 85 cts., lb. $3.00.

Giant Rocca. A very large variety from Naples, bright brown skin, and delicate flavor; globular in shape. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

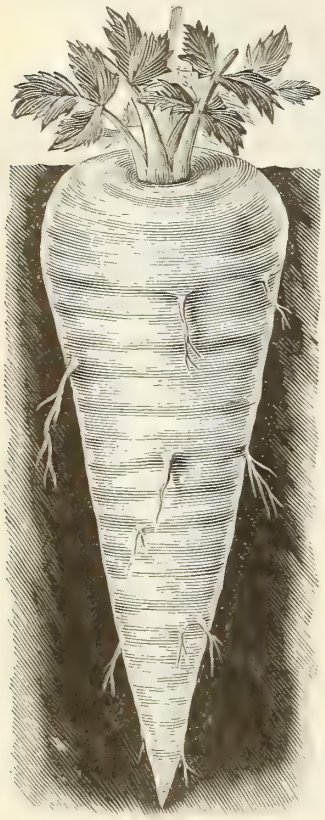


Yellow Globe Danvers Onion.

PARSNIP.

Pastinake, Ger. *Panais*, Fr. *Pastinaca ô Chirivia*, Sp.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.



Hollow Crown Parsnip.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and ½ inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

Large Sugar, or Hollow Crown. The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Student. A good, half-long variety, smooth, sweet and of delicate flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Parsley.

Petersilie, Ger. *Persil*, Fr. *Peregil*, Sp.

One ounce will sow 150 feet of drill.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April, in rows 1 foot apart and ½ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

Half Curled. A medium curled variety for garnishing and seasoning. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

Dwarf Extra Curled Perpetual. Leaves tender, crimped and very curly, of a beautiful bright green color, and very ornamental; excellent for garnishing. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Champion Moss Curled. A distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year round, as it rarely runs to seed. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Fern Leaved. Nothing better for garnishing could be desired. As a garden decorative plant it is very ornamental. It will stand the winter if covered before frost. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Dwarf Extra Curled Parsley.

PEPPER.

Pfeffer, Ger. *Piment*, Fr. *Pimiento*, Sp.

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Golden Dawn and Ruby King, are used for Mangoes, while the small fruited sorts are the best for sauces. Sow in hot-beds in March or April, or on a warm sheltered border in May, and when the season is favorable transplant in good, rich, mellow ground.

Large Sweet Bell, or Mountain. A large early variety, of mild flavor, rind thick and fleshy. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Ruby King. A good variety for Mangoes or pickling, as it is not too fiery. A productive sort. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Long Red Cayenne. From 3 to 4 inches long, of bright red color, very productive and hot. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Small Chili. Red conical pods about 2 inches long, very hot and prolific; used for seasoning and sauces. Pkt. 5 cts., oz. 25 cts.

Ruby King.

Procopp's Giant. Grows uniformly to a very large size, measuring from 8 to 9 inches long, of a brilliant scarlet color; flesh very thick and moderately hot. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.25.

Golden Dawn. A magnificent yellow Pepper of the bell class; mild and sweet. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Celestial. One of the most prolific of the Peppers. The pods are borne upright; are conical in shape, and vary in color from creamy white when unripe to brilliant scarlet when ready for picking. Whether for culinary or decorative purposes, it will be found very useful. Pkt. 10 cts., oz. 40 cts.

Creole, or Bird's-Eye. A distinct variety, largely grown in the South, fruit very small, round and very hot. It is quite ornamental and often grown as a pot plant. Pkt. 10 cts., oz. 40 cts.

Red Cluster. One of the most desirable Peppers. It bears its bright scarlet fruit in numerous clusters. As a decorative plant for the flower garden it will be found very useful, as its brilliant scarlet fruit makes a charming contrast with its deep green leaves. Pkt. 10 cts., oz. 30 cts.

Red Cherry. A beautiful ornamental variety, fruit round, of a rich glossy scarlet color, very hot and used for seasoning. Pkt. 5 cts., oz. 25 cts.

Coral Gem. Beautiful little pods of shining red color, so thickly set as to give it the appearance of a bouquet of coral. Pkt. 10 cts., oz. 40 cts.

PEAS.

One quart will plant about 100 feet of drill; one and a half bushels for one acre.

Peas mature earliest in a light, rich soil; for a general crop, a rich deep loam, or inclining to clay, is the best. When grown for a market crop sow in single rows, 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to the variety. When grown in gardens sow in double rows, 6 to 8 inches apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthed up twice during growth. The wrinkled varieties are not as hardy as the small hard sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited from their habit for small gardens or for forcing, and can be planted in rows 1 foot apart.

EXTRA EARLY VARIETIES.

Dreer's Eureka Extra Early. The earliest and most prolific variety. This sort has given the best results wherever grown, and is a standard for earliness and quality. It is an even cropper, and can be gathered clean in two pickings. This is an important item when the space is wanted for repeated cropping. For a late fall crop it has few equals, and is the market gardener's favorite for all seasons; height, 20 inches. Pt. 15 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Dreer's Extra Early Pioneer. A Pea that will meet the wants of all who desire EARLY PEAS. Pods of medium size, containing 4 to 6 full, plump peas of fine flavor. A remarkably early variety, and one that should be largely planted by market gardeners and truckers. Pt. 15 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Improved Daniel O'Rourke. A valuable sort for market gardeners and private use. Of good flavor, productive and early. Pt. 15 cts., qt. 25 cts., peck $1.15, bu. $4.00.

EXTRA EARLY VARIETIES.—

Continued.

American Wonder. The earliest wrinkled variety in cultivation; in productiveness, flavor and quality it is unsurpassed. Pt. 20 cts., qt. 35 cts., peck $2.00, bu. $7.00.

Extra Early Premium Gem. A fine flavored dwarf, wrinkled variety, an improvement on the Little Gem; pods long, dark green and prolific; height 18 inches. Pt. 15 cts., qt. 30 cts., peck $1.50, bu. $5.00.

McLean's Little Gem. A dwarf first early, green-wrinkled marrow, very prolific, and of superior flavor; 1 foot. Pt. 15 cts., qt. 30 cts., peck $1.50, bu. $5.00.

Laxton's Alpha. One of the earliest wrinkled marrows; a prolific variety, of fine flavor; pods large and well filled; 3 feet. Pt. 15 cts., qt. 30 cts., peck $1.50, bu. $5.00.

Alaska. An extra early round pea resembling Kentish Invicta. Of good flavor and color, and bearing pods of a dark green color, which are well filled and ripen uniformly; 2 feet. Pt. 15 cts., qt. 25 cts., peck $1.15, bu. $4.00.

Lightning. A very early Pea, bearing in great profusion long well-filled pods, containing peas of a bright green color, well flavored, sweet, and of good size. The plants are completely studded with peas early in the season; 2 feet. Pt. 15 cts., qt. 30 cts., peck $1.25, bu. $4.50.

Blue Beauty. A good variety to follow American Wonder; it grows compactly and bears a profusion of excellent peas; 18 inches. Pt. 15 cts., qt. 30 cts., peck $1.50, bu. $5.00.

SECOND EARLY.

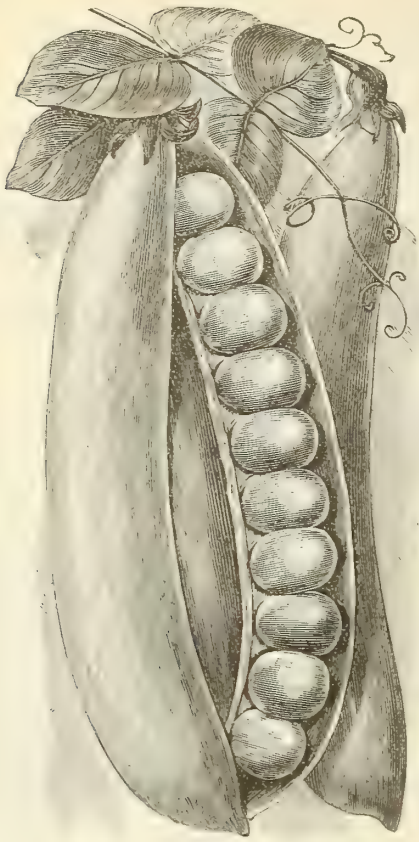
McLean's Advancer. A fine early market variety, prolific, well-filled long pods, tender, and of delicious flavor; 2 feet. Pt. 15 cts., qt. 25 cts., peck $1.25, bu. $4.50.

Horsford's Market Garden. A prolific and desirable Pea for a summer crop; pods are full and borne in profusion. Pt. 15 cts., qt. 25 cts., peck $1.50, bu. $5.00.

Bliss' Abundance. Pods containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kind. 1½ feet. Pt. 15 cts., qt. 25 cts., peck $1.50, bu. $4.50.

AMERICAN WONDER.

Packets of all varieties at 10 cents each. Add for postage on Peas 8 cts. per pint, 15 cts. per quart. Larger quantities sent by express or freight at purchaser's expense.



HEROINE.

Heroine. A medium early green wrinkled pea, and one of the best of recent introduction; large, recurved, showy pods; an immense cropper; peas of finest quality; height 2 to 2½ ft. Pt. 20 cts., qt. 40 cts., peck $2.50.

Shropshire Hero. A grand new second early wrinkled pea, producing long, handsome, well-filled pods in great abundance; 2½ ft. Pt. 15 cts., qt. 30 cts., peck $2.00.

FOR GENERAL CROP.

Champion of England. One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; 5 ft. Pt. 15 cts., qt. 20 cts., peck $1.25, bu. $4.00.

Stratagem. A green, wrinkled marrow, producing numerous pods of large size peas of excellent quality. A superior variety that cannot be too highly recommended; 2½ ft. Pt. 20 cts., qt. 35 cts., peck $2.00, bu. $7.00.

Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper and excellent quality; 2½ ft. Pt. 15 cts., qt. 25 cts., peck $1.25, bu. $4.00.

Everbearing. A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor, very sweet and tender. Owing to its remarkable branching habit it remains in bearing an unusually long time; 2 ft. Pt. 15 cts., qt. 25 cts., peck $1.50, bu. $5.00.

Telephone. Immensely productive, of the finest quality and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large, delicious peas; 4 ft. Pt. 15 cts., qt. 25 cts., peck $1.50, bu. $5.50.

Pride of the Market. A medium early dwarf pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality. This variety will doubtless come rapidly into favor; 1½ ft. Pt. 15 cts., qt. 30 cts., peck $1.75, bu. $6.50.

Culverwell's Telegraph. A strong grower, producing large pods containing 10 to 12 large peas in each. Peas, when cooked, are of a deep-green color, and of very fine flavor. Pt. 15 cts., qt. 25 cts., peck $1.50, bu. $5.50.

PEAS.—*Continued.*

Blue Imperial. A favorite summer, market gardener's variety; good bearer, and of fine flavor; height 3 ft. Pt. 15 cts., qt. 20 cts., peck $1.00, bu. $3.50.

French Canner (*Petit Pois, or Small French Pea*). This is the small French pea extensively used for canning, and is the most profitable variety grown for that purpose. It is very prolific, producing long, slim pods containing from 7 to 10 peas of fine quality; 3 to 3½ ft.; plant in rows 4 feet apart. Pt. 15 cts., qt. 25 cts., peck $1.25, bu. $4.75.

Large White Marrowfat. A favorite variety; large, well-filled pods; 5 ft. Pt. 10 cts., qt. 20 cts., peck 80 cts., bu. $3.00.

Black-Eyed Marrowfat. This and the White Marrowfat are extensively grown as field peas, as they are hardy, productive and bear well-filled pods; 4 ft. Pt. 10 cts., qt. 20 cts., peck 80 cts., bu. $3.00.

EDIBLE PODDED, OR SUGAR PEAS.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole, and served up with white sauce.

Dwarf White Sugar. Edible pods, fine flavor; used like Snap-Short beans; 2 ft. Pt. 20 cts., qt. 40 cts.

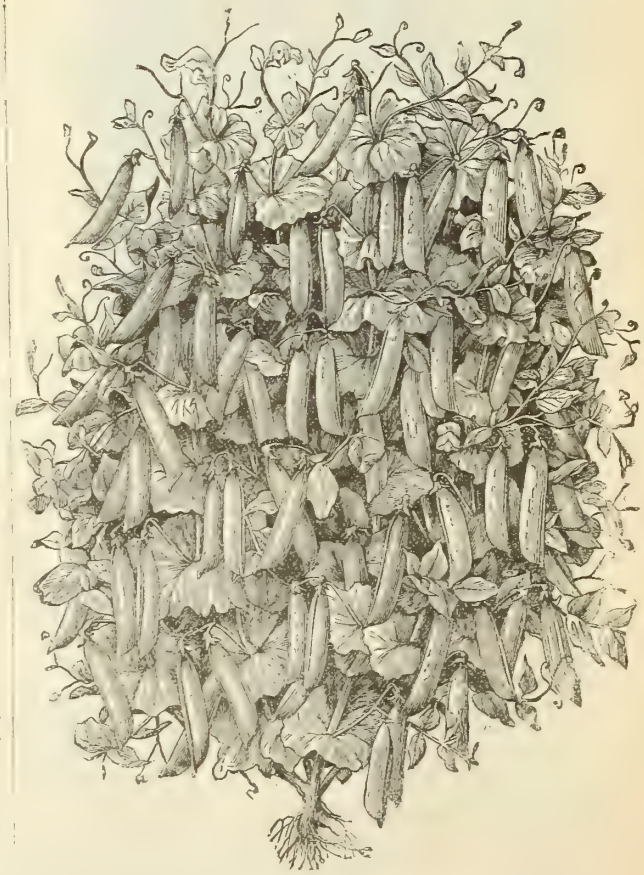
Tall White Sugar. Large, long, edible pods; used like the Dwarf Sugar; 5 ft. Pt. 20 cts., qt. 40 cts.

Melting Sugar. A new and prolific variety of delicious quality; 5 to 6 feet. Pt. 30 cts., qt. 60 cts.

Dwarf Gray Seeded Sugar. Similar to above variety, except in height, which is only 2 ft. Pt. 20 cts., qt. 40 cts.

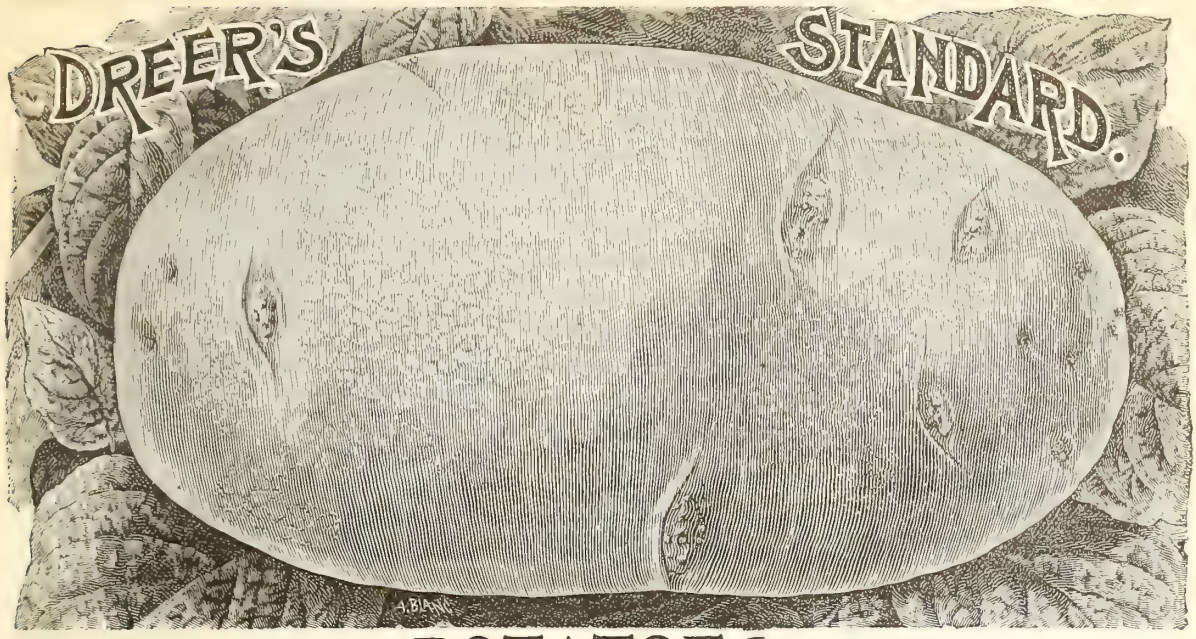
PEAS—Field Varieties.

(*See Farm Seeds, page* 36)



BLISS' ABUNDANCE.

Market Gardeners, Institutions, and buyers of Peas, Beans, etc., in quantity, are invited to write for special prices.



POTATOES.

Kartoffel, Ger. *Pomme de Terre*, Fr. *Potata ó Papas*, Sp.

The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone-dust, for heavy and wet soils especially, as they promote growth and at the same time prevent disease. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots, and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking.

Dreer's Standard. A splendid extra early variety, of fine quality, beautiful appearance and extraordinary productiveness, free from disease or rot and an excellent keeper. Peck 70 cts., bu. $2.00, bbl. $5.00.

Early Puritan. A first-class early Potato, of handsome, oblong shape; flesh pure white; matures with the Early Rose. Peck 60 cts., bu. $1.75, bbl. $4.25.

Early Rose. A leading variety for earliness, quality and productiveness. Peck 50 cts., bu. $1.60, bbl. $3.75.

Beauty of Hebron. Early; productive; of excellent quality; a good keeper. Peck 50 cts., bu. $1.60, bbl. $3.75.

Queen. A medium early pinkish white Potato of fine quality, yielding large, handsome tubers. Peck 60 cts., bu. $1.75, bbl. $4.25, 3 lbs. by mail 75 cts.

Freeman. Oblong, slightly flattened, russet netted skin, eyes very shallow, table quality unsurpassed and under favorable conditions the best yielding, early Potato; especially suitable for moist or very rich land. Peck 60 cts., bu. $1.75, bbl. $4.25, 3 lbs. by mail 75 cts.

Vaughan's Prolific. The best yielding early Potato of the Rose class; tubers long, smooth, pink in color, with very bright seed ends. In a field test of 40 early varieties the Vaughan outyielded all the others. Peck 60 cts., bu. $1.75, bbl. $4.25, 3 lbs. by mail 75 cts.

Polaris. Very early, pure white in color, eyes shallow, shape oblong, tending to long, a remarkably heavy cropper. Peck 60 cts., bu. $1.75, bbl. $4.25, 3 lbs. by mail 75 cts.

Crown Jewel. A seedling of the Early Ohio, and partakes of the excellent qualities of that fine variety; skin white and smooth, eyes shallow but strong, flesh pure white and floury. Peck 60 cts., bu. $1.75, bbl. $4 25.

Rural New Yorker, No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. Peck 60 cts., bu. $1.75, bbl. $4.25.

Clark's No. 1. An early sort resembling Early Rose, but considered more prolific. It cooks mealy, is of excellent flavor, and of first quality. Peck 60 cts., bu. $1.75, bbl. $4.25, 3 lbs. by mail 75 cts.

State of Maine. Medium early, excellent flavor, cooks dry, is a good keeper and very productive. Peck 50 cts., bu. $1.60, bbl. $3.75.

White Star. A medium early variety of the best quality and appearance; large, oblong, uniform-sized tubers, remarkably productive. Peck 50 cts., bu. $1.60, bbl. $3.75.

Empire State. An excellent Potato; skin smooth, white; eyes close to the surface, flesh pure white, and cooks dry and mealy. Peck 50 cts., bu. $1.60, bbl. $3.75.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine-grained and of excellent flavor. Peck 50 cts., bu. $1.60, bbl. $3.75.

Mammoth Pearl. A medium late variety; of good quality; skin and flesh white; very productive. Peck 50 cts., bu. $1.60, bbl. $3.75.

(*3 lbs. by mail of any of the above varieties for* 75 *cts.*)

SWEET POTATOES.

Yellow Nansemond. A short, thick variety, very productive, and considered the best for general culture. Peck 60 cts., bu. $2 00, bbl. $4.50.

Red Nansemond. Short, thick and of good flavor; largely grown in some sections in preference to the yellow. Peck 60 cts., bu. $2.00, bbl. $4.50.

(*For Sweet Potato plants, see page* 33.)

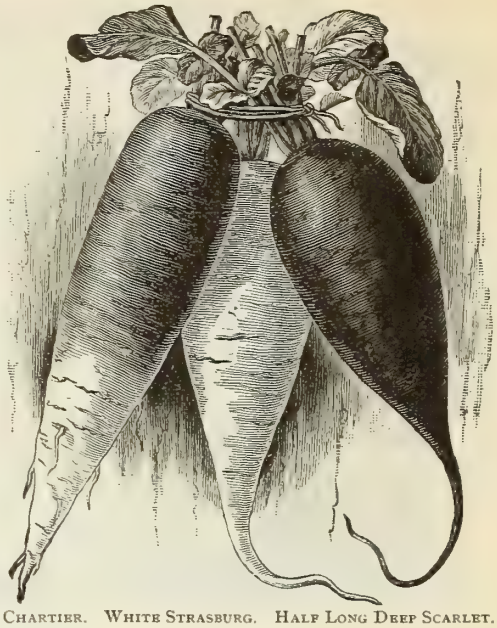
Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently, when orders are received, the weather for a week at a time will not permit safe delivery. We assume no risk on Potatoes. They are forwarded strictly at purchaser's risk.

The New Potato Culture, by Elbert S. Carman, Editor of the "Rural New Yorker." Price by mail postpaid 40 cents.

RADISH.

Rettig, oder Radieschen, Ger. *Radis, Rave Petite et longue*, Fr.

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth; heavy or clayey soils not only delay their growth, but produce a much inferior crop in appearance and flavor. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. As soon as the first leaves appear, sprinkle with soot, wood-ashes, or air-slacked lime, or slug shot, to save them from the little black Cabbage and Turnip fly. The winter varieties should be sown in July and August; like the Turnip, they make the best growth in autumn, and must be taken up before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.



Chartier. White Strasburg. Half Long Deep Scarlet.

EARLY RADISHES.

Cardinal Globe. This is the very best forcing variety, and is sown largely by market gardeners and truckers. It is of globular shape and brilliant cardinal red color, with short top, and will stand a large amount of heat without becoming pithy. *Crop failed.*

White-Tipped Scarlet Gem. An excellent variety for forcing, with very short leaves, bright scarlet, with a clearly-defined white tip. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Scarlet Frame. A very early Turnip Radish; of a bright scarlet crimson color, perfectly round, crisp and tender. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Round Red Forcing. One of the earliest and best of the Turnip varieties for forcing; very short leaved, small top; color of skin dark red, white fleshed. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Round White Forcing. Similar to the above in every respect, except its white skin. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

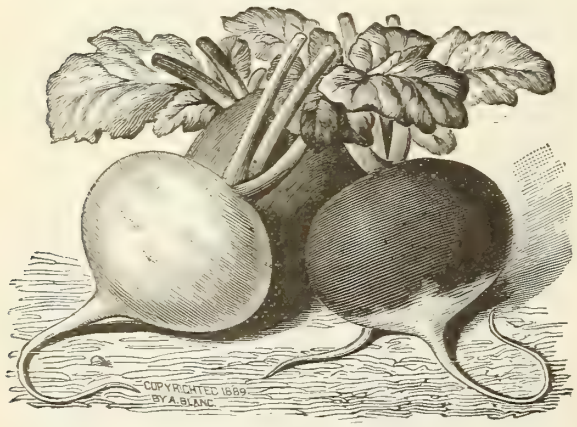
Early French Breakfast. Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color tipped with white. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Early Scarlet Turnip. A small top variety, of quick growth, mild and crisp. It is a standard sort for early planting in the open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Early White Turnip. An early, crisp, Turnip-shaped Radish of a pure white color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Philadelphia White Box. Perfectly round, smooth skin, pure white, free from any sharpness or bitterness. A remarkably quick grower, with small top. For forcing it is in every way superior. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Wood's Early Frame. Top very small, bright salmon color, and several days earlier than Long Scarlet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.



White Box. Scarlet Frame. White-Tip Scarlet Gem.

Half Long Deep Scarlet. An excellent intermediate sort, for forcing or open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Long Scarlet Short Top. Long, bright scarlet, with small top. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

SUMMER RADISHES.

Beckert's Chartier. Color bright salmon scarlet, shading to white as it approaches maturity. Very crisp and tender. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts.

Large White Summer Turnip. The market gardener's favorite; large, turnip-shaped, white, very crisp. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Large Yellow Summer Turnip. Like the above, except in color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Long White Naples. An excellent variety, flesh white, crisp and mild. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts.

Golden Yellow Olive-Shaped. A new very early yellow Radish, adapted for forcing and the open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Giant White Stuttgart. A quick growing variety of large size, firm and brittle and of good quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

White Strasburg. Roots oblong, of a pure white color, very brittle and of mild flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

WINTER VARIETIES.

Long Black Spanish. A large, long variety, one of the hardiest, keeping until spring. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

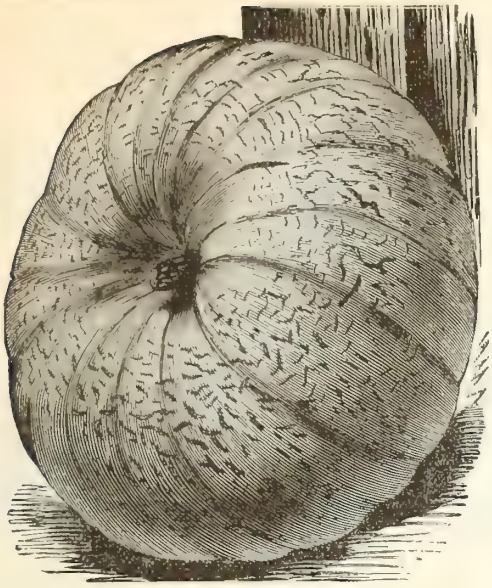
Round Black Spanish. One of the best for winter use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Large White Spanish. Of milder flavor than the black varieties. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Scarlet China. One of the best fall and winter varieties, a favorite with market gardeners. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Round Scarlet China. A new variety of the China Winter Radish. Root round, of a fine scarlet color. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. $1.50.

California White Winter. A mammoth variety, growing 12 inches long, white fleshed, firm, and of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts.



POTIRON MAMMOTH.

PUMPKIN.

Kürbis, GER. *Potiron*, FR. *Calabaza*, SP.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. The Cashaw is generally preferred for cooking and making pies.

Large Cheese. One of the best for table use, productive, skin orange, flesh yellow and sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Cashaw. Long, yellow crook-neck, similar to the Crook-neck Winter Squash; flesh yellow, solid, fine grained, and sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts.

Potiron Mammoth (*Jumbo, King of the Mammoths, Large Yellow, etc.*). The largest of all pumpkins. Specimens have been grown weighing over 225 pounds; flesh bright yellow, of good quality. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

Large Tours. A productive variety, which grows to an immense size, often weighing over a hundred pounds. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Red Etampes. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

Tennessee Sweet Potato. Pear-shaped, flesh thick, cream white, fine-grained, and of excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

Large Yellow Field. For feeding stock. Oz. 5 cts., ¼ lb. 15 cts., lb. 40 cts.

RHUBARB.

Rhabarber, GER. *Rhubarbe*, FR. *Ruibarbo Bastardo*, SP.

The stalks of this plant are used for pies and tarts. Sow in April, in drills 1 foot apart; when 3 or 4 inches high, thin out in the rows to 10 inches apart; and transplant the ensuing autumn or spring to any desired situation, in a deep, rich soil. The ground must be dug and heavily manured, at least 2 feet deep. Set out the roots 3 feet apart each way, and the following spring it will be fit for use. In the fall the bed should have a thick dressing of coarse manure, which is to be dug into the ground in the spring. We recommend those who desire a choice article to procure the roots, which can be set out either in the fall or spring as above described.

Linnæus. Early, large, tender, and very fine. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Victoria. Very large, the finest cooking variety. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

RHUBARB ROOTS.

(*See Vegetable Plants, etc., page* 33.)

SORREL.

Large Leaved Garden. Cultivated for its acidity and much used in salads. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.25.

SALSIFY.

(Oyster Plant.)

Haferwurzel oder Bocksbart, GER. *Salsifis*, FR. *Ostra Vegetal ó Barba Cabruna*, SP.

A fine vegetable, used and served as Carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips; it is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

Mammoth Sandwich Island. This variety grows here to a very large size, and resembles a good sized parsnip. It is very mild and delicate flavored and has already found its way to popular favor. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.50.

Long White. The favorite market variety, and the best flavored. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.00.

Long Black, or Scorzonera. Resembling the above; scrape off the coarse rind, and soak the roots a few hours in cold water before cooking, to extract their bitter taste. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

LONG STANDING.

SPINACH.

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

Spinate, GER. *Epinard*, FR. *Espinaca*, SP.

This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting three or four seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer.

Dreer's Round Seeded Savoy. The hardiest large Savoy leaved; curled and crimped, with thick, fleshy leaves, the best for family and market purposes, and the best of all sorts for fall sowing. Oz. 5 cts., ¼ lb. 10 cts., lb. 30 cts.

Long Standing Round Seeded. A new large crimped, thick, fleshy Savoy leaved variety; will stand two weeks longer than any other sort before shooting to seed; the best for spring sowing on account of seeding so late. Oz. 5 cts., ¼ lb. 10 cts., lb. 30 cts.

Large Leaved Viroflay. A very fine selection of the old lettuce-leaved spinach; for summer use it is excellent. Oz. 5 cts., ¼ lb. 10 cts., lb. 30 cts.

Prickly Seeded, or Fall. The hardiest variety, having smaller leaves; is not so productive as the above sorts. Oz. 5 cts., ¼ lb. 10 cts., lb. 30 cts.

New Zealand. This variety endures heat and drought, and is the best for summer use; it produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

SQUASH.

Küchenkürbis, Ger. *Courge*, Fr. *Calabasa Tontaneraõ Ciaracayote*, Sp.

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves, and danger from bugs is over, leaving three or four of the strongest plants per hill.

Golden Custard Squash.

EARLY SORTS.

Early White Bush. The best early variety for market or shipping; it grows to a large size, scolloped like a patty-pan, and bearing an abundant crop. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Golden Custard Bush. Of similar size and shape to the White Bush, but of a rich golden-yellow color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

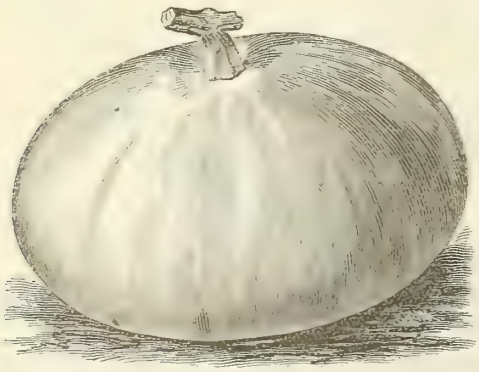
Yellow Crook Neck. Early, productive and of good quality; skin orange-yellow. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

SUMMER AND FALL SORTS.

Early Orange Marrow. An improved Boston Marrow. Quite distinct, very early and prolific, and of most delicate flavor; suitable either for fall or winter. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

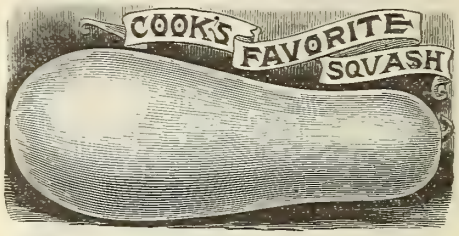
Perfect Gem. This Squash possesses the excellent qualities of both the summer and winter varieties combined. Pkt. 5 cts., oz. 10 cts., ¼ lb 20 cts., lb. 60 cts.

Boston Marrow. About ten days later than the Bush varieties; a good keeper, of excellent flavor, flesh orange-colored and fine-grained. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.



Sweet Nut Squash.

Vegetable Marrow. A delicious English sort; skin greenish-white; flesh white, soft and of a rich flavor; a heavy cropper, quite distinct from the other sorts. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

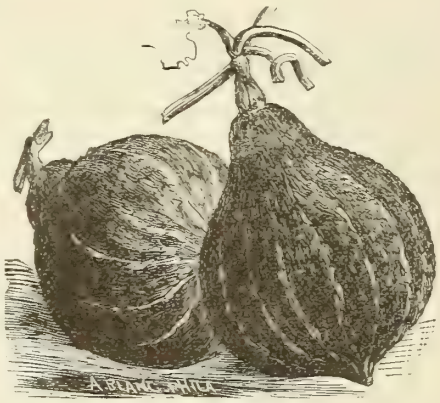


FALL AND WINTER SORTS.

Sweet Nut. An excellent new sort of medium size, flesh dry, rich and very sweet; enormously productive and valuable both as a summer and a winter Squash. It possesses the desirable property of being entirely borer-proof. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. $1.50.

Cook's Favorite. This very desirable Squash is certain to please the most exacting, and when once grown will not be discarded. The skin is of a rich cream color, flesh deep orange, very fine-grained and superior for table use. Pkt. 10 cts., oz. 30 cts.

Fordhook. A new winter Squash of great merit; of a handsome, bright-yellow color outside, and straw-yellow within; the flesh is dry and sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.



Hubbard Squash.

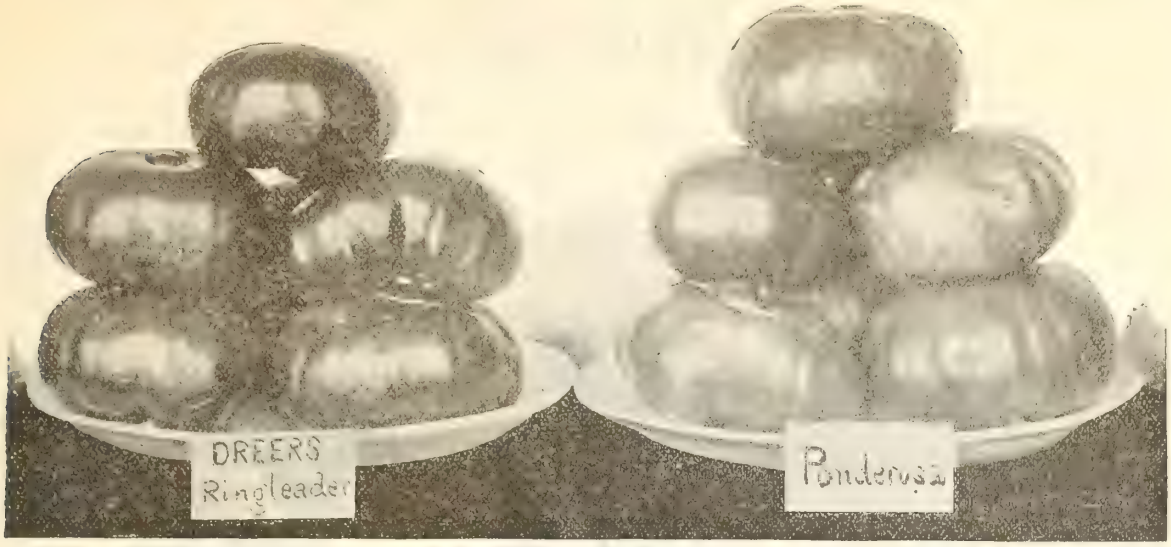
Hubbard. One of the best late table varieties; of large size, flesh fine-grained, dry, and of excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Mammoth Chili. Rich orange-yellow; flesh thick and of good quality for making pies; grows to an enormous size; a valuable sort for feeding stock. Pkt. 10 cts., oz. 20 cts., ¼ lb. 40 cts., lb. $1.25.

Pike's Peak, or Sibley. Skin smooth and thin and of a pale-green color; flesh thick, solid; vivid-orange in color; very dry; of fine grain and delicate flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Winter Crookneck. One of the best sorts for winter use, as it is an excellent keeping variety; flesh bright-yellow; of fine flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts.

Faxon. The characteristics of this new Squash are earliness, long keeping, variety of colors and superiority in sweetness and richness of flavor. Pkt. 15 cts., 2 pkts. 25 cts., oz. 40 cts.



TOMATO.

Liebesapfel, GER. *Tomate*, FR. *Tomate*, SP.

For early plants sow in hot-beds early in March, in drills 5 inches apart and ½ inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window of a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the Tomato vines on trellises or tying to stakes, they will increase in productiveness, the fruit will ripen better and be of finer quality.

The Stone. Fruit very large, bright scarlet, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. One of the best. Selected seed. Pkt. 10 cts., oz. 30 cts., ¼ lb. 80 cts., lb. $3.00.

Acme. One of the best for family use; ripens evenly, of medium uniform size, round, very solid, of a pinkish color. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Atlantic Prize, or Early Ruby. An extra early and very productive variety, valuable to market growers. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

Beauty. Rich glossy crimson with a slight purple tinge; the fruit grows in clusters of 4 to 5; is of large size, very smooth and solid. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2 00.

Favorite. One of the largest and most perfect shaped varieties, ripens evenly and early; very prolific, good flavor, flesh solid. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Perfection. Larger than Acme, fully as early, perfectly smooth, solid, almost round, deep red in color. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00.

Mikado (*Turner's Hybrid*). Very large, fairly smooth and solid; skin purplish red; has distinct broad foliage. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Paragon. A fine early variety and a heavy bearer, fruit of large size, solid and smooth as an apple. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.00

Lorillard. A splendid sort for forcing under glass as well as for out-door culture; bright, glossy red, smooth, and very early. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Long Keeper. Of medium size and shapely form, remarkably solid and a long keeper; of a deep pink color. Pkt. 10 cts., oz. 30 cts., ¼ lb. 80 cts., lb. $3.00.

Dwarf Champion. An early and distinct variety, coming rapidly to maturity; medium in size; plant of dwarf and compact growth. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Horsford's Prelude. Bright, crimson, round, smooth; rather under size and growing in clusters; first-class sort to grow under glass or out of doors; very early. Pkt. 10 cts., oz. 30 cts., ¼ lb. 80 cts.

Ignotum. Excellent for family or market use; very prolific; the earliest of the large, deep red, smooth varieties, heavy and solid. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Ringleader. A remarkably large and heavy-fruited Tomato, deep red in color. Flesh very thick, solid and of excellent quality. It is a second early variety, and should not be depended upon for early fruit. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Red Mikado. We consider this one of the best. For slicing it will be found excellent, as it has few seeds and is very solid. The Tomatoes are of a bright red color, large size, borne in clusters of 4 to 7, ripen evenly, and remain firm when fully ripe. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Royal Red. Royal Red is a first-class main crop variety, and will prove of special value to canners and catsup makers by reason of its beautiful deep red color of both skin and flesh, without any trace of purple tinge. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Buckeye State. New, one of the largest; fruits in immense clusters; in solidity and meatiness it has no equal. Color similar to Beauty, but somewhat darker and richer. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Ponderosa. In size and irregularity of outline resembles the Ringleader, but is lighter in color; of good solid substance and a heavy yielder. These large varieties are excellent for stewing purposes. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

Selected Trophy. One of the very best in cultivation; our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed. Pkt. 5 cts., oz. 25 cts., ¼ lb. 80 cts.

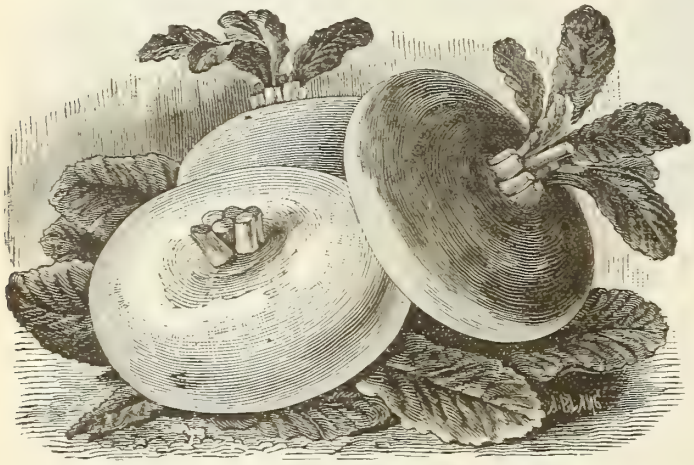
Golden Queen. A very handsome yellow Tomato; resembles the Paragon in size, solidity and productiveness. For preserving this sort will be found valuable. Pkt. 10 cts., oz. 25 cts.

We can also supply the following varieties: **Cardinal, Chemin, Optimus, Peach, King Humbert, Red Pear-Shaped, Yellow Plum, Red Cherry, Yellow Cherry, Red Currant, Strawberry, or Ground Cherry,** each at 10 cts. per pkt., 30 cts. per ounce.

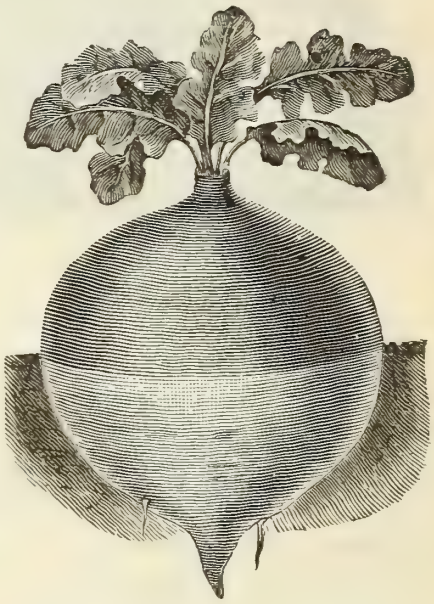
TURNIP.

Steckrübe, Ger. *Navet*, Fr. *Nabo Comun*, Sp.

For early use, sow as soon as the ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows; as soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slaked lime, or Slug Shot, to destroy the little black fly, which will devour the plants if not attended to in time. Slug Shot is a certain remedy for the black fly. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August; do not sow later than the 1st of September. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.



White Flat Dutch. Red Top Strap Leaf.



Dreer's Improved Purple Top Ruta Baga.

TABLE TURNIPS.

Early White Flat Dutch. An early white fleshed variety, of quick growth, mild flavor, and excellent quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Red, or Purple Top Strap Leaf. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Extra Early Munich. A very early variety, purple top, white flesh, of fine grain and good flavor. Should be grown quickly. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. $1.50.

Extra Early Purple Top Milan. This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine grained and delicate flavor. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

Early White Egg. An egg-shaped variety, for spring or fall sowing, flesh white, firm, fine-grained, mild and sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Purple Top White Globe. A variety of decided merit. Of gobular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Yellow Globe, or Amber. One of the best for a general crop, flesh firm and sweet, grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Yellow Stone. One of the best yellow fleshed varieties for table use; equally good for feeding stock. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Golden Ball, or Orange Jelly. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive, flesh white, fine-grained and sweet, of excellent quality for family and market gardeners' use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

Yellow Aberdeen, Purple Top. Very hardy and productive, good keeper, globe-shaped and fine quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

RUTA BAGAS.

Dreer's Improved Purple Top. This is a choice stock, roots of large size and perfect form, fine grained, with short top and smooth skin. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 60 cts.

American Purple Top. Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Large White French. A superior variety for table or stock; flesh firm, white and solid. The roots of this variety are produced entirely under ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Skirving's Purple Top. An imported variety of large size and strong growth, a heavy cropper and one of the best for field culture. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

TOBACCO.

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. Pkt. 10 cts., oz. 30 cts.

Pennsylvania Seed Leaf. The most noted selection grown in Lancaster county. It has a larger and finer leaf than the Connecticut. Pkt. 10 cts., oz. 30 cts.

White Burley. The most popular variety grown in the West. Pkt. 10 cts., oz. 30 cts.

Havana. The fine qualities of this variety make it indispensable. The seed we offer is the best Vuelta Abajo. Pkt. 10 cts., oz. 30 cts.

Hyco, Herter, Sterling, Long-Leaf Gooch, Yellow Prior. Each per pkt. 10 cts., oz 30 cts.

Sweet, Pot and Medicinal Herbs.

Herbs, in general, delight in a rich, mellow soil. Those marked with an * are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. They should be cut on a dry day just before they come into full blossom; tied in bunches and hung up or spread thinly on a floor where they can dry quickly.

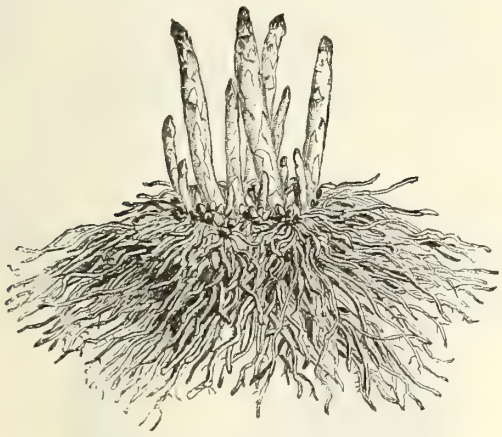
Anise. For garnishing and flavoring, Pkt. 5 cts., oz. 10 cts.
***Balm.** Used for tea or balm wine. Pkt. 5 cts., oz. 20 cts.
Basil, Sweet. Used for soups, stews and sauces; 1 foot. Pkt. 5 cts., oz. 20 cts.
Bene. Used medicinally. Pkt. 5 cts., oz. 20 cts.
Borage. Excellent for bees, etc. Pkt. 5 cts., oz. 15 cts.
***Caraway.** For confectionery and medicine, also flavoring. Pkt. 5 cts., oz. 10 cts.
Castor Oil Bean. For ornament and medicine; 6 feet. Pkt. 5 cts., oz. 15 cts.
Coriander. Grown for its seed, also for garnishing; 2 feet. Pkt. 5 cts., oz. 10 cts.
Cumin. Good for pigeons, etc. Pkt. 5 cts., oz. 15 cts.
Dill. Leaves used in soups, sauces and pickles; also seed for flavoring. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.
***Horehound.** Used medicinally. Pkt. 5 cts., oz. 30 cts.
***Lavender.** An aromatic herb. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
***Fennel, Sweet.** Leaves when boiled are used in fish sauces. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.
Marjoram, Sweet, American. Home grown seed is the best for winter use, as it makes more bulk. Pkt. 5 cts., oz. 30 cts., ¼ lb. $1.00.
Marjoram, Sweet, Imported. Imported seed is best to cut when green for summer use. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
***Rosemary.** An aromatic and ornamental herb. Pkt. 10 cts., oz. 30 cts.
***Rue.** For medicinal purposes; good for fowls for the croup. Pkt. 5 cts., oz. 15 cts.

SAGE.

***Sage.** The tender leaves and tops are used in sausage, stuffing and sauces. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
Savory, Summer. For seasoning purposes. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.
***Savory, Winter.** Pkt. 5 cts., oz. 20 cts.
***Tansy.** For medicinal use. Pkt. 5 cts., oz. 30 cts.
***Thyme, French Summer.** Used for seasoning. Pkt. 5 cts., oz. 30 cts., ¼ lb. $1.00.
***Thyme, Broad-Leaved English.** For seasoning. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.25.
***Wormwood.** Used medicinally, beneficial for poultry, and should be planted in poultry yards. Pkt. 5 cts., oz. 25 cts.

Vegetable Plants and Roots.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season. For late Cabbage and Celery plants, see our Mid-summer List, issued July 1st.



Asparagus Roots.

Conover's Colossal. 1 year, 100, 90 cts.; 1000, $5 00.
" " 2 years, 100, $1.00; 1000, $6.00.
Dreer's Eclipse. 1 year, 100, $1.00; 1000, $6.00.
" " 2 years, 100, $1.25; 1000, $7.00.
Palmetto. 1 year, 100, $1.00; 1000, $6.00.
" 2 years, 100, $1.25; 1000, $7.00.
Donald's Elmira. 1 year, 100, $1.25; 1000, $7.00.
" " 2 years. 100, $1.50; 1000, $9.00.
Columbian Mammoth White. 1 year, $1.50 per 100; $10.00 per 1,000.
Cabbage Plants. Ready after April 1st. Early Jersey Wakefield, Dreer's Early Drumhead, Succession. 50 cts. per 100, $4.00 per 1,000.

Cauliflower Plants (*Selected Early Erfurt*). 30 cts. per doz., $1.50 per 100, $10.00 per 1,000.
Celery Plants. Ready July 1st. Golden Self-Blanching, Golden Dwarf, White Plume, Giant Pascal, etc. See Mid-summer Price List.
Chives. For flavoring. 10 cts. per clump, $1.00 per doz.
Egg Plants. Ready in May and June. New York Improved Large Purple.
Grown in pots, 75 cts. per doz., $5.00 per 100.
Out of hot-beds, 40 cts. per doz., $3.00 per 100.
Hop Vine Roots. 50 cts. per doz., $2.50 per 100. By mail, 60 cts. per doz.
Horse Radish Sets. 15 cts. per doz., 60 cts. per 100, $5.00 per 1,000. By mail, 20 cts. per doz.
Lettuce Plants. Ready in April and May. Dutch Butter, Silver Ball and Hanson. 15 cts. per doz., 50 cts. per 100.
Pepper Plants. Ready in May and June. Large Sweet Bell. 25 cts. per doz., $1.50 per 100.
Rhubarb Roots. Linnæus and Victoria. Strong roots 20 cts. each, $2.00 per doz. Small roots 15 cts. each, $1.50 per doz., $10.00 per 100.
St. Martin's Rhubarb. New. 30 cts. each, $3 00 per doz.
Sage (*Holt's Mammoth*). A large-leaved variety. It spreads rapidly, and never runs to seed. 15 cts. each, $1.00 per doz.
Tarragon. For flavoring; the young leaves are used for pickles, vinegar, etc. 25 cts. each, $2.50 per doz.
Sweet Potato Plants. Ready in May and June. We grow large quantities of the Red and Yellow Nansemond, and are in a position to make contracts for large lots.
30 cts. per 100, $1.50 per 1000.
Tomato Plants (*Transplanted*). Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the leading varieties. 25 cts. per doz., $1.50 per 100, $10 00 per 1,000.

Special Prices to Buyers of Large Quantities.

FARM SEEDS.

We give special attention to the quality of all our Farm Seeds, and send out only recleaned stock. It is our aim to send out pure stock, true to name. For green manures we recommend sowing thickly Sugar Cane, Tares, Field Peas, Rye, and Oats, and plowing under when 6 to 8 inches high.

Sugar Beets and Mangels.

For stock feeding these are indispensable. No one who keeps horses, sheep or cattle should be without these roots for winter and fall feeding. They are rich in saccharine matter, increase largely the flow of milk, and are excellent for feeding to fattening stock.

MANGEL WURZEL.

Sow 6 pounds per acre.

Golden Tankard. Considered indispensable by the best dairymen, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. In this respect differing from all other varieties which cut white. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.50.

Golden Yellow Mammoth. A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf stalks and midrib of the leaves golden yellow, flesh rich in saccharine matter. This should be grown largely by all interested in dairying, as it will be found extremely rich in all the elements of high feeding. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.50.

Mammoth Long Red. A variety that is grown extensively by agriculturists. It produces large roots partly above the ground. The illustration at the top of this page is taken from a photograph of roots of this variety grown by one of our customers from seed supplied by us. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.00.

Norbiton Giant Long Red. An exceedingly heavy cropper, grows nearly two-thirds of its length out of the ground. Though of immense size it is easily harvested and is a valuable sort. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.00.

Red Globe. A large red oval variety, which keeps well, and produces better crops on shallow soil than the Long Red. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.00.

Yellow or Orange Globe. The same as the above, only differing in color. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.00.

Sugar Cane. A very sweet and large growing Mangel. Should be grown by stock raisers, as it is an excellent variety. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.00.

SUGAR BEETS.

Improved Imperial White Sugar. An improvement on the other varieties of Sugar Beets. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.50.

Lane's Improved White Sugar. This Sugar Beet attains a large size, and grows considerably above the ground. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.50.

White Sugar. A large growing variety, excellent for stock feeding and sugar-making. ¼ lb. 15 cts., lb. 40 cts., 10 lbs. $3.

Yellow Globe Mangel Wurzel.

Farm Seeds are sent by express or freight at purchaser's expense except where noted. Add to the cost of the seed when remitting 20 cents for each 2 bushels seamless bag required. If wanted by mail add 8 cents per pound for postage.

FIELD CORN.

Our Seed Corn has been grown for us by specialists, and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre.

GOLDEN BEAUTY.

Golden Beauty. Very large handsome yellow grains. The ears are filled out to the extreme end; the cob is unusually small; it matures very early, and its yield is enormous. Qt. 15 cts., peck 50 cts., bu. $1.50.

Early Yellow Canada. A ninety day corn, used principally for replanting where the other varieties fail to come up, and then maturing at the same time with the common field varieties; good for northern latitudes. Qt. 15 cts., peck 50 cts., bu. $1.75.

Early Bristol (100 day). A splendid new variety, the earliest and largest yellow dent in cultivation, grain bright golden-yellow, large, broad and deep. It grows to an enormous size and yields more corn and fodder than other varieties. Qt. 15 cts., peck 60 cts., bu. $2.00.

Early Large White Flint. The old Hominy eight-rowed variety; very early, productive and of good quality. Qt. 15 cts., peck 50 cts.; bu. $1.75.

Early Mastodon Dent. A very early strong growing corn, with exceedingly large ears and grain. In the *American Agriculturist* corn contest in 1889 it outyielded all others, making the wonderful record of 213 bushels of shelled corn to the acre. Qt. 15 cts., peck 50 cts., bu. $1.75.

Hickory King. A distinct White Dent Field Corn. The stalks are strong, and bear two and occasionally three ears; the cob is remarkably small. It is very productive and of good quality. Qt. 15 cts., peck 60 cts., bu. $2 00.

Cloud's Early Yellow Dent. Early, strong and vigorous, growing from 6 to 8 feet high, producing large, handsome ears, with unusually deep grains. This is a remarkably prolific corn, and should be largely grown by careful farmers. Qt. 15 cts., peck 50 cts., bu. $1.50.

Leaming Gourd Seed. One of the best and most productive varieties, having very deep grains and hardly any cob. A reliable sort and one that should be planted largely. Qt. 15 cts., peck 50 cts., bu. $1.50.

ENSILAGE CORN.

Red Cob Ensilage. A pure white corn growing on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce 25 to 30 tons per acre. Sow 1¼ to 1½ bushels per acre. Qt. 15 cts., peck 40 cts., bu. $1.25.

Blount's Prolific White. This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15 cts., peck 50 cts., bu. $1.75.

Southern Fodder. Another white variety that every Silo owner or dairy farmer should not overlook. It grows 12 to 16 feet high, has broad foliage and tender stalks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. It will yield 30 to 40 tons per acre. Sow 1¼ to 1½ bu. per acre. Qt. 15 cts., peck 40 cts., bu. $1.25.

Sweet Fodder Corn. (For soiling or ensilage.) Profitable as green fodder, cut when green to feed cattle. Sow broadcast 2 bushels, and drills 3 feet apart 1 bushel, per acre. Peck 60 cts., bu. $2.00.

POP CORN.

Cultural directions same as for Sugar Corn. We offer Pop Corn on the ear only.

White Rice. A very early fine white variety. Lb. 8 cts., 10 lbs. 60 cts.

White Pearl. One of the best for parching, smooth grained ears. Lb. 6 cts., 10 lbs. 50 cts.

SORGHUM.

Early Amber Sugar Cane. The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. Sow 4 qts. in drills and 8 qts. broadcast to the acre. Lb. 15 cts., 100 lbs. $6.00.

Kaffir Corn. One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry either fed in the grain or ground and cooked. Lb. 15 cts., 100 lbs., $8.00.

Rural Branching Dhoura (*White Millo Maize*). A valuable forage plant. It produces a large quantity of foliage, as it branches from the joints, and will thrive even when corn is suffering from drought. It can be cut several times during the season, as it springs up again freely from the roots. Lb. 15 cts., 100 lbs. $8 00.

Sorghum Halepense (*Johnson Grass*). One of the most valuable southern fodder plants, a rapid growing perennial, perfectly hardy in New Jersey. On rich soils it may be cut three or four times in a season. The best results are obtained by sowing the seed in August or September at the rate of 25 to 35 lbs. to the acre. Per lb. 15 cts.; per 100 lbs. $12.00.

OATS.

Thirty-two pounds to the bushel.

The American Beauty. This excellent and popular variety is characterized by great vigor of growth, earliness and remarkable cropping qualities. The grain is large, long and tapering; straw erect and stout; Peck 50 cts., bu. $1.50, 10 bus. at $1.35.

Clydesdale. An early and productive variety. Per bu. $1.25, 10 bus. at $1 00 per bu.

American Banner. A valuable variety; ripens early; grain white, large and plump; very productive and heavy; has a stiff straw of good length. Peck 50 cts., bu. $1.85.

Mammoth Cluster. This new Black or Bronze Oat originated in New York State, where it has been carefully tested by some of the leading farmers with most satisfactory results. Sown alongside of other varieties and with the same culture it gave a larger average yield of 26 bushels per acre. In growth it is a side oats, short, stiff straw, ripening very early. Peck 50 cts., bu. $1.75.

BARLEY.

Manshurey. The most productive six-rowed variety. It ripens early, with strong, stiff straw. Peck 60 cts., bu. $2.00.

SPRING WHEAT.

Saskatchewan Fife. This is known as the most desirable variety of Spring wheat in cultivation. It is unequalled for productiveness, earliness and vigor. Peck 75 cts., bu. $2.50.

SPRING RYE.

Used as a catch crop to sow where winter grain has failed. Straw stiffer and shorter than the Winter Rye; grain of equal value. Sow 1¼ bushels to the acre. Peck 50 cts., bu. $1.75.

BUCKWHEAT.

Japanese. This superior new variety has given universal satisfaction, being earlier and more prolific and yielding double the weight per acre of other sorts, while it yields a flour of equal quality. Sow about the middle of June broadcast from 2 to 3 pecks per acre. Peck 40 cts., bu. (48 lbs.) $1.20.

MISCELLANEOUS SEEDS.

FIELD PEAS.

Southern Black-Eye Cow. Also known as Sand Pea, a small white variety with black eye. Sow 2 bushels to the acre. Qt. 15 cts., peck 75 cts., bu. $2.50.

Canada Field Peas. Valuable for Northern climates for cattle-feeding. Used as feed for pigeons, etc., and for green soiling. Qt. 10 cts., peck 50 cts., bu. $1.75, 10 bu. $1.50 per bu.

Broom Corn (*Improved Evergreen*). This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Lb. 15 cts., 100 lbs. $6.50.

Teosinte (*Reana Luxurians*). This gigantic fodder plant somewhat resembles Indian Corn. It produces a great number of shoots, growing 12 feet high, thickly covered with leaves, and yielding an abundance of forage. As a soiling or fodder plant in the South it surpasses either corn or sorghum, and in the extreme South is a perennial. The leaves are long and broad, and the stalks full of sweet sap. Per oz. 15 cts., lb. $1.25.

Wild Rice (*Zizania Aquatica*). The Zizania is valuable as a forage plant on inundated lands and along the shores of marshes. As an attraction for wild fowl it is invaluable. In fish ponds and lakes it purifies the water and affords a refuge for the small fry from the large fish and also furnishes them with food from the animalculæ upon its stalks. The seed should be sown in the fall in six inches to six feet of water having a soft mud bottom and where there are but few weeds. Per lb. 20 cts., 100 lbs. $15.00.

Tares, or Spring Vetches. A good forage plant, also used for plowing under; sow 1 bushel to the acre. Lb. 10 cts., 100 lbs. $8.00.

Rape, English (*Dwarf Essex*). Extensively grown in Europe and Canada for forage, especially for sheep and for green manure. Lb. 10 cts., 100 lbs. $8.00.

Sunflower, Mammoth Russian. This may be grown to great advantage by planting in waste pieces of ground, from early spring to the latter part of July, as it is an excellent and cheap food for fowls. As an *egg-producing food* it is unsurpassed. Its leaves make very good fodder, and its strong, thick stalks are valuable for fuel. Three quarts of seed will plant an acre. Qt. 10 cts., peck 50 cts., bu. $1.75.

Flax. When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Peck 60 cts., bu. $2.25.

Osage Orange (*Maclura aurantiaca*). Sprout the seed before sowing, then sow in rows, and when one year old transplant, 6 inches apart, alternating the plants in double rows, cutting the plants down to the height of 6 inches. Manure well and plow deep before planting. Per lb. 40 cts., bu. of 33 lbs. $9.00.

Osage Orange Plants. Strong, 2 years old. $1 00 per 100, $5.00 per 1,000. Selected, $7.50 per 1,000.

Eucalyptus Globulus, Australian Fever Gum Tree. Extensively planted in the South and California, for destroying malaria. Oz. 50 cts., ¼ lb. $1.50, lb. $5.00.

BIRD SEEDS.

(*Prices variable.*)

Canary. Lb. 10 cts., 100 lbs. $5.50.
Hemp. Lb. 10 cts., 100 lbs. $6.00.
Lettuce. Oz. 10 cts., lb. 40 cts.
Maw. Lb. 15 cts., 100 lbs. $14.00.
German Millet. Lb. 10 cts., 100 lbs. $4.00.
German Rape. Lb. 10 cts., 100 lbs. $4.00.
Vetches for Pigeons. Lb. 10 cts., 100 lbs. $8.00.
Mixed Bird Seed. Lb. 10 cts., 100 lbs. $6.00.
Unhulled Rice. Qt. 20 cts., bu. $3.00.

If small quantities are wanted by mail add 8 cents per pound and 15 cents per quart for postage.

.. DREER'S ..
GRASS SEED MIXTURES.

DREER'S EVERGREEN LAWN MIXTURE.

For permanence, for beauty under all circumstances, and for value, we are confident Dreer's Evergreen Lawn Mixture will meet all requirements. Many of the European grasses have been neglected because of their high price, but their value for lawn purposes in this country has been demonstrated so clearly that their use will be rapidly extended. By a judicious use of some of the Fescues and other foreign grasses with the standard lawn grasses of America we are enabled to offer to our customers a mixture which for all good staying qualities is unsurpassed. Modern lawns demand grasses that are able to stand the wear and tear consequent to their use for Lawn Tennis, Croquet, etc.

Many of our native grasses grow luxuriantly during early spring and late fall, but are valueless during the dry midsummer months; special attention has been given in this mixture to incorporate only such varieties as are able to withstand prolonged drought, and present at all times a green and healthy sward.

25 cts. per qt., 30 cts. per qt. postpaid, $5.00 per bushel of 20 lbs., $3.75 per bushel of 15 lbs.

DREER'S FAIRMOUNT PARK MIXTURE

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under our hot midsummer sun, and remain in that condition until the cool months of autumn revive them. The mixture we offer has stood the test of years, and our rapidly increasing sales prove conclusively that its merits are widely known by those who recognize the inalienable law of cause and effect, and who realize that, in order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. The temptation is strong to include in mixtures the "cheap and impure," but in Dreer's Fairmount Park Lawn Mixture one grade—and that the highest—is rigidly adhered to. Many of the finest private grounds around Philadelphia are sown with our grasses only. For Railroad Embankments, Terraces, etc., Dreer's Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a thick turf that will effectually prevent "washing." Sow 3 to 4 bushels per acre—one quart is sufficient for a plot 20 by 15 feet, or 300 square feet. 20 cts. per qt., 25 cts. per qt. postpaid, $4.00 per bushel of 20 lbs., $3.00 per bushel of 15 lbs.

Dreer's Pasture Mixture.

Finest mixture of Grass Seeds and Clover for hay and permanent pasture. Adapted to different soils. Sow 3 to 4 bushels per acre. 20 cts. per qt., 25 cts. per qt. postpaid, $3.50 per bushel of 20 lbs.

Our Lawn Circular, giving full and explicit instructions on the management of Lawns, sent free on application.

Grass Seeds for Lawn and Field.

We make a specialty of Grass Seeds, and send out only the most useful varieties which are adapted to this country. All that we offer have been recleaned and will meet the views of the most critical trade. Owing to the varying bulk of Grass Seeds from season to season (owing to climatic conditions which cannot be controlled), they are always put up by us by weight and not by measure, thereby securing to our customers the amount they pay for, as prices are based on weight and not on bulk.

Our prices are as low as the quality of seed we offer can be sold at, and should not be compared with low prices quoted for inferior grades. We shall always be pleased to mail samples for comparison.

Red-Top, or Herd-Grass.

Herd, or Red-Top Grass (*Agrostis Vulgaris*). Valuable either for meadows, pastures or lawns, growing in almost any soil. Lb. 8 cts., per sack of 50 lbs. $3.00, 100 lbs. $6.00.

Herd, or Red-Top. Extra recleaned seed (32 lbs. to bu.), lb. 20 cts., 100 lbs. $15.00.

Fancy Cleaned Kentucky Blue Grass (*Poa pratensis*). Also known as June Grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass is indispensable. Lb. 20 cts., 100 lbs. $12.00, bu. (14 lbs.) $2.00.

Natural Green Grass (*Poa pratensis variety*). A native grass of luxuriant growth; forms a heavy sward. Lb. 25 cts., 100 lbs. $18.00.

Wood Meadow Grass (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees, where few other grasses can exist. 30 lbs. to the acre. Lb. 50 cts., 100 lbs. $45.00.

Rough-Stalked Meadow Grass (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. 30 lbs. to the acre. Lb. 45 cts., 100 lbs. $40.00.

Sheep's Fescue (*Festuca Ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. 40 lbs. to the acre. Lb. 25 cts., 100 lbs. $20.00.

Crested Dogstail (*Cynosurus cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns. 25 lbs. to the acre. Lb. 75 cts.

Meadow Fescue (*Festuca Pratensis*). English Blue Grass; an excellent grass for permanent pasture or hay, the foliage being highly nutritious. Lb. 25 cts., 100 lbs. $22.00.

Fine-Leaved Fescue (*Festuca tenuifolia*). Thrives well on dry and sterile soils; is well suited for lawns, etc. 30 lbs. to the acre. Lb. 40 cts., 100 lbs. $35.00.

Bermuda Grass (*Cynodon dactylon*). A valuable grass for the South and for tropical climates. It will not endure frost. Lb. $1.25.

English Rye Grass, Perennial Rye (*Lolium Perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns; does well on sloping banks, as its roots are fibrous and mat-like. Lb. 10 cts., 100 lbs. $9.00, bu. (24 lbs.) $2.25.

Italian Rye Grass (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. 50 lbs. to the acre. Lb. 15 cts., 100 lbs. $12.00.

Perennial Sweet Vernal (*Anthoxanthum Odoratum*). Useful to mix with other grasses on account of its early growth and agreeable odor. Lb. 60 cts., 100 lbs. $50.00.

Meadow Foxtail (*Alopecurus Pratensis.*) One of the best and earliest of pasture grasses. Thrives best in moist localities, and bears close cropping. 30 lbs. to the acre. Lb. 25 cts., 100 lbs. $25.00.

Orchard Grass (*Dactylis Glomerata*). One of the most desirable grasses for pastures, sowing under orchards or in shady places. It grows rapidly, thrives in sandy land, and does not suffer from close feeding. Choice Western seed. Lb. 20 cts., 100 lbs. $15.00, bu. (14 lbs.) $2.25.

Tall Meadow Oat Grass (*Avena Elatior*). A valuable grass for soiling or permanent pasture, of early and luxuriant growth; also makes splendid hay. 50 lbs. to the acre. Lb. 25 cts., 100 lbs. $20.00.

Timothy, Choice. Lb. 10 cts., 100 lbs. $5.00, bu. (45 lbs.) $2.50.

— **Prime.** Lb. 10 cts., 100 lbs. $4.75, bu. (45 lbs.) $2.25 (subject to market changes).

Orchard Grass.

25 lbs. supplied at 100-lb. rate; 2-bushel seamless bags at 20 cts. each. For small quantities by mail, add 8 cts. per lb.

ALSIKE CLOVER.

CLOVER SEEDS.

(*Prices subject to market changes.*)

Alsike, or Swedish (*Trifolium Hybridum*). Hardiest of all the clovers and on rich moist soils yields an enormous quantity of hay or pasturage. Valuable for sowing with other clovers or grasses as it forms a thick bottom and increases the yield of hay. Sow six pounds per acre when used alone. Lb. 25 cts., 100 lbs. $22.00.

Alfalfa, or Lucerne (*Medicago Sativa*). One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots down fully three feet into the earth. Sow early in spring to secure a good stand before winter if to be used for pasturage or for curing. Lb. 20 cts., 100 lbs. $15.00.

Red Clover, Medium (*Trifolium Pratense*). The leading variety of clover for pastures or meadows. The seed we offer is recleaned and free from weeds. Lb. 15 cts., 100 lbs. $13.00 (subject to market changes).

Mammoth Red Clover (*Cow Grass or Pea Vine Clover*). For plowing under as green manure. Lb. 16 cts., 100 lbs. $14.00.

WHITE DUTCH CLOVER.

White Dutch Clover (*Trifolium Repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees. We offer highest grades of seed only. Lb. 30 cts., 100 lbs. $25.00.

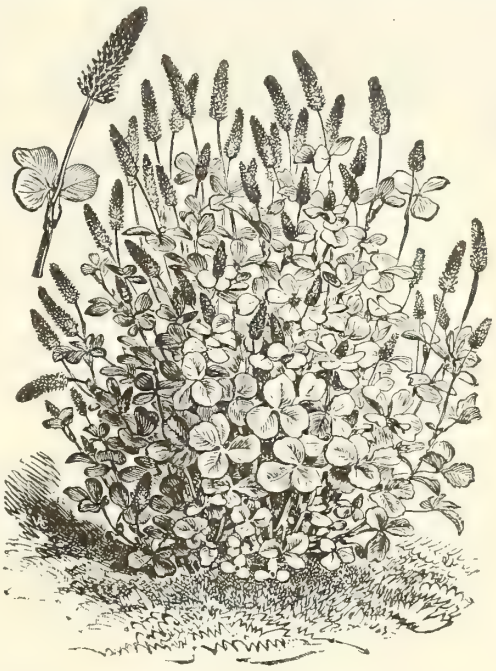
Scarlet, or Crimson Clover (*Trifolium Incarnatum*). An annual variety, largely used in the South for feeding green and for hay. The yield in fodder is immense, and after cutting it at once commences growing again and continues until cut by frost. Sow in April or May; 10 pounds to the acre. Lb. 15 cts., 100 lbs. $10.00.

Yellow Trefoil (*Medicago lupulina*). This may be cultivated either alone or with other grasses. Requires about same treatment as Red Clover; 15 lbs. to the acre. Lb. 25 cts., 100 lbs. $16.00.

Sainfoin, Esparsette, or Holy Clover (*Hedysarum Onobrychis*). A valuable clover for the Middle and Southern States. In some sections it is considered indispensable, as it increases the flow of milk. The seeds are more nutritious than oats, and are readily eaten by fowls. Requires a calcareous soil. 100 lbs. to the acre. Lb. 15 cts., 100 lbs. $8.00.

Bokhara Clover (*Melilotus Alba*). A rapid growing white-flowered sort, excellent for bee food, for which purpose it should be largely grown. Lb. 40 cts., 100 lbs. $35.00.

Japan Clover (*Lespedeza Striata*). A low-branching clover that does well in the South. It thrives on poor land and produces continual herbage. Not adapted to Northern latitudes, as it is only half-hardy. Lb. 35 cts., 100 lbs. $30.00.



CRIMSON CLOVER.

MILLET.

German, or Golden Millet. Medium early, 4 to 5 feet high, close heads, numerous spikes, seeds round, of a golden yellow color. Weight per bushel 50 lbs. Lb. 10 cts., 100 lbs. $3.50, bu. $1.75.

Hungarian Millet (*Panicum Germanicum*). Early and productive, growing 2 to 3 feet high, with an abundance of foliage and slender heads. Weight per bushel 48 lbs. Lb. 10 cts., 100 lbs. $3.00, bu. $1.50.

Egyptian, or East India Pearl Millet (*Penicillaria Spicata*). Grows from 8 to 10 feet high. When cultivated for fodder sow in drills 3 feet apart and thin out in rows to 1 foot apart; sow 3 to 5 lbs. per acre. Lb. 20 cts., 100 lbs. $12.00.

Dreer's

RELIABLE FLOWER SEEDS.

Our List has again been carefully revised and all inferior varieties discarded. For the convenience of our customers and to facilitate the filling of orders, we use a system of numbering. In ordering it is only necessary to give the number of packets wanted and the corresponding number in the Catalogue, viz. :—1 Pkt. 5010, 25 ; 3 Pkts. 5031, 15 ; means one packet Abutilon, mixed, 25 cts. ; 3 packets Adonis Æstivalis, 15 cts.

We offer the following inducements to purchasers of Flower and Vegetable Seeds in packets when cash accompanies the order: For remittance of $1.00 *select Seeds in packets to value of* $1.20 ; $2.00, $2.40 ; $3.00, $3.75 ; $4.00, $5.00 ; $5.00, $6.25.

Dreer's Pictorial Collections of Annual Flower Seeds.

These very attractive collections are composed of the best known and most popular annual flower seeds, that will produce in succession a fine display of flowers during the summer months. The packets are beautifully illustrated with a chromo-lithographed portrait of the flower as true to nature as it can be made. Cultural directions in English, German and French accompany each packet.

COLLECTIONS.

NO.		
1.–12	Choice Annuals,	.50
2.–18	" "	.75
3.–24	" "	$1.00
4.–30	" "	1.25
5.–6	Asters, 6 varieties,	.50
6.–12	" 12 "	1.00
7.–6	Pansy, 6 "	.50
8.–12	" 12 "	1.00

ABRONIA.

Pretty trailing plants, producing clusters of sweet scented, Verbena-like flowers, especially fragrant towards evening, lasting in bloom a long time ; effective in beds, rock-work, or hanging-baskets ; peel off the husk before sowing the seed. Half-hardy annuals ; height, 12 inches.

PER PKT.

5003 **Abronia Arenaria.** A beautiful yellow variety..10

5006 **— Umbellata.** Rosy lilac, with a white eye..... 5

ABUTILON.

(Chinese Bell-Flower.)

Greenhouse shrubs of strong growth and easy cultivation, free-flowering, with various-colored, beautiful drooping bell-shaped flowers. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season.

5010 **Abutilon, Fine Mixed.** Of choice varieties and colors ; 2 to 4 feet.....25

ACROCLINIUM.

Elegant border plants with beautiful pink and white flowers. Half-hardy annuals ; 1 foot.

5030 **Acroclinium. Fine Mixed.** 5

ACANTHUS.

A stately and beautiful ornamental plant. From the leaf of "Acanthus Mollis," the capital of the Corinthian column is derived. Grows freely in any rich, loamy soil.

PER PKT.

5015 **Acanthus, Mixed.** Hardy perennials ; 3 feet...10

ACACIA.

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow gobular flowers. Soak the seed in warm water before sowing.

5013 **Acacia, Mixed.** Fine varieties ; 6 to 10 feet.....10

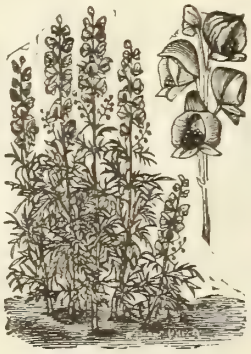
ACHIMENES.

5001 Elegant and free flowering tuberous rooted greenhouse plants, combining great beauty with richness and brilliancy of color. Choice varieties, mixed. 50

ACHILLEA PTARMICA PLENA.

5019 A very free-blooming plant, of branching habit. Useful for cut-flowers or for planting in cemeteries. Pure white double. Hardy perennial ; 18 inches.....15

ABRONIA UMBELLATA.



ACONITUM.

ACANTHUS.

ADLUMIA.

A very material reduction has been made this year in prices of Flower Seeds.

AGERATUM, COPE'S PET.

ACONITUM.

(Monk's Hood, or Wolfsbane.)

A hardy perennial, growing in any good garden soil, producing curiously shaped flowers in abundance.

PER PKT.

5017 **Aconitum Napellus.** Blue and white; 3 feet 5

ADLUMIA CIRRHOSA.

(Mountain Fringe, or Allegheny Vine.)

5033 An attractive and beautiful hardy biennial, flowering the first season, clusters of small rosy-lilac flowers and pale green feathery foliage; 15 feet.....10

ADONIS.

5031 **Flos Adonis.** Also known as Pheasant's Eye. Showy hardy annuals of easy culture, with pretty fine-cut foliage, and lasting a long time in bloom; dark crimson flowers, with a lighter centre; 1 foot..... 5

AGERATUM.

Valuable plants for large beds or borders, and very useful where cut-flowers are in demand; in bloom the whole summer; also good for winter blooming; half-hardy annuals.

5045 **Ageratum Conspicuum.** White; 2 feet..... 5
5041 — **Mexicanum.** Blue; 2 feet 5
5042 — **Imperialis.** Dwarf, blue; 8 inches..... 5
5043 — **Imperialis.** Dwarf, white; 8 inches..... 5
5044 — **Lasseauxi.** Rose; 15 inches..... 5
5046 — **Cope's Pet.** Lovely azure-blue; 8 inches. .. 10

AGROSTEMMA.

(Rose of Heaven.)

An attractive free-flowering hardy perennial of easy culture, producing flowers on long slender stems like a single pink; blooms the first season. Fine for cutting; 1 to 2 feet.

5050 **Agrostemma, Mixed Varieties**..... 5

ALLAMANDA.

Stove evergreen climbers, bearing profusely splendid large flowers in clusters; winter and spring blooming.

5063 **Allamanda Schotti.** Golden yellow.....25

ADONIS.

AMARANTHUS CAUDATUS.

ALYSSUM, LITTLE GEM.

ALYSSUM.

Free-flowering, pretty little plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

PER PKT.

5082 **Alyssum, Sweet** (*A. Benthami Maritimum*). Flowers in white clusters; 6 inches. Per oz. 30 cts... 5
5086 — **Benthami Compactum** (*Tom Thumb*). Of true dwarf compact growth; excellent for borders; white. Per oz. 40 cts..... 5
5087 — **Little Gem.** Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring till late in autumn. Per oz. 60 cts..... 5
5084 — **Saxatile Compactum.** Showy golden-yellow flowers; hardy perennial, blooms the first season; 1 foot..... 5

AMARYLLIS.

Bulbous-rooted plants, producing from 2 to 4 of the richest-colored crimson scarlet, and white-striped, lily-like flowers.

5110 **Amaryllis Hybrida, Mixed.** 1½ feet.....25

AMARANTHUS.

Showy blooming plants, with long racemes of curious-looking flowers, and brilliant foliage; half-hardy annuals.

5092 **Amaranthus Cruentus** (*Prince's Feather*). Erect flowering, bright scarlet..... 5
5091 — **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping; 3 feet..... 5
5094 — **Gordoni, or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of the stalk, the lower leaves having a scarlet band through the centre; 3 feet..... 5
5095 — **Henderi.** Of graceful pyramidal growth and long-drooping leaves, of brown, madder and bronze; 4 feet..... 5
5096 — **Melancholicus Ruber.** Dwarf, compact habit, blood-red foliage; 2 feet..... 5
5097 — **Salicifolius** (*Fountain Plant*). Of pyramidal, drooping habit, branching close to the ground..... 5
5098 — **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green; 3 feet. Per oz. 30 cts..... 5
5093 — **Tricolor splendens.** An improvement on the old Joseph's Coat, of more brilliant coloring, a very beautiful ornamental plant..... 5

AMPELOPSIS.

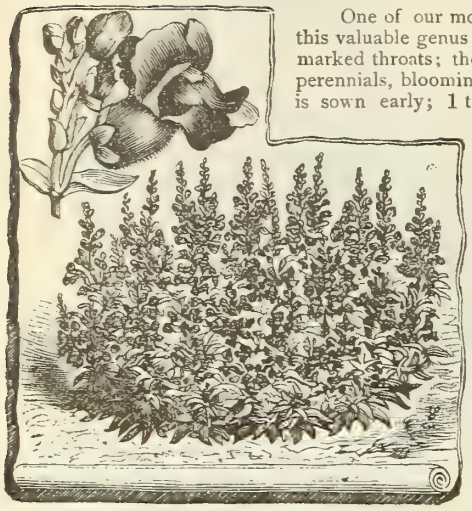
(Miniature Virginia Creeper, or Japanese Ivy.)

A hardy perennial species of Woodbine from Japan, with olive-green leaves, which turn to scarlet in the autumn. Will adhere to brick or stone walls.

5101 **Ampelopsis Veitchi.** Per oz. 25 cts..... 5

ANTIRRHINUM.

(Snap Dragon.)



ANTIRRHINUM, TOM THUMB.

One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 to 2 feet.

PER PKT.

5136 **Antirrhinum Fire Fly.** Scarlet 5

5137 — **Picturatum.** Striped and blotched 5

5138 — **Tom Thumb, Yellow** 5

5140 — **Tom Thumb, Mixed.** Finest dwarf 5

5141 — **Tall, Mixed.** Oz. 40 cts 5

5129 — **Imported Collections,** 10 Dwarf varieties....50

5139 — **Imported Collections,** 10 Tall varieties.....50

ANEMONE CORONARIA.

AQUILEGIA.

(Columbine.)

This plant blooms freely early in the spring and summer and produces beautiful, curiously-formed and variously colored flowers; hardy perennials.

PER PKT.

5143 **Aquilegia Chrysantha** (*Golden-Spurred*). Bright golden yellow; 3 feet 5

5146 — **Chrysantha Alba** (*White-Spurred*). A beautiful new pure white variety.....10

5144 — **Cœrulea.** Violet-blue and white; 2 feet..... 10

5151 — **Glandulosa.** Lovely shade of light blue and pure white; 2 feet 15

5145 — **Olympica.** Rich blue, with white lip; 2 feet..... 5

5152 — **Skinneri.** Scarlet and yellow; 18 inches.....10

5160 — **Single,** all colors mixed; 2 feet. Per oz., 30 cts..... 5

5150 — **Double,** all colors mixed; 18 inches. Per oz. 40 cts.... 5

AQUILEGIA CHRYSANTHA ALBA.

ANEMONE.

(Windflower.)

A very pleasing hardy perennial; easily grown from seed, producing large flowers, early in the spring, when few plants can compare with them in beauty and brilliancy; fine for bouquets; 1 ft.

PER PKT.

5130 **Anemone Coronaria, Mixed Colors** 10

5125 — **Fulgens.** Scarlet.....10

5126 — **The Bride.** Pure white.10

ANGELONIA.

A beautiful greenhouse shrubbery plant; spikes of dark purplish-brown flowers, with a white eye. If sown early will flower the first season, and can be treated as a tender annual.

5132 **Angelonia Grandiflora.** Very fragrant..... 15

ANTHEMIS.

5133 **Anthemis Arabica.** A free flowering golden yellow; constantly in bloom..... 5

ANTIGONON.

5134 **Leptopus.** A magnificent climber for a warm greenhouse or conservatory; carmine rose flowers in long spikes. Perennial, and hardy south of Washington.....10

ARABIS.

The earliest, prettiest spring flower. The spreading tufts are densely clothed with neat, bright green leaves and covered with pure white flowers as soon as the snow disappears. Conspicuous on rockeries or broad edgings for park roads, withstands the drought of summer, and is always neat.

5157 **Arabis alpina.** 6 inches..... 5

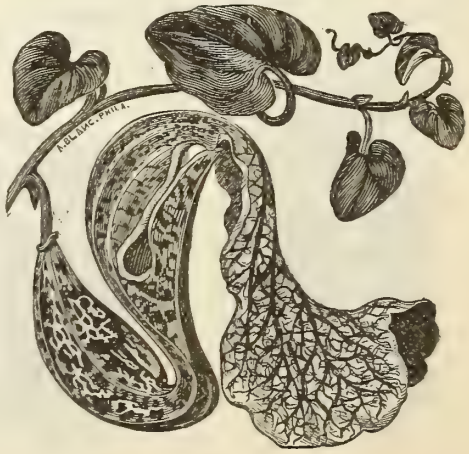
ARMERIA (Thrift).

5164 **Armeria Formosa.** A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy perennial.....10

ARISTOLOCHIA.

5163 **Aristolochia Sipho** (*Dutchman's Pipe*). A rapid-growing climber; large heart-shaped foliage, and very curious flowers, resembling a pipe; hardy perennial; 30 feet. Brownish purple.....10

5162 — **Elegans.** One of the best of this class of climbing plants. Of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the open ground in the greatest profusion, even on small plants, and are entirely free from any objectionable odor.....10



ARISTOLOCHIA.

TRUFFAUT'S PERFECTION.

DREER'S SUPERB ASTERS.

IMPROVED VICTORIA.

Of the general beauty of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate; and coming into bloom, as they do, when most other flowers are fading away, enhances their value. The ground for the cultivation of Asters cannot be too richly prepared, and the plants should never be allowed to receive a check, but should continue to grow on uninterruptedly to produce fine flowers. Half-hardy annuals.

TRUFFAUT'S PERFECTION ASTERS.

Improved Pæony-Flowered.

One of the most perfect; very double, large, and finely shaped, the petals beautifully incurved. 1½ ft.

PER PKT.

5194 **Pink** 10
5214 **Glowing Crimson** 10
5231 **Purple Violet** 10
5197 **Light Blue** 10
5193 **Pure White** 10
5190 **Finest Mixed.** Per oz. $2.50 10

IMPROVED VICTORIA ASTERS.

A magnificent strain. The flowers are large, beautifully imbricated and perfect in form. 1½ ft.

5204 **Pink** 10
5207 **Scarlet** 10
5208 **Purple** 10
5203 **White** 10
5205 **Finest Mixed.** Per oz. $2.50 10

COMET ASTERS.

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemum.

5172 **Pink,** Margined White 10
5201 **Deep Pink** 10
5202 **Light Blue** 10
5215 **New Carmine** 10
5216 **Pure White** 10
5221 **Peach Blossom** 10
5218 **Finest Mixed** 10

DWARF PÆONY PERFECTION ASTERS.

The elegant Pæony-formed flowers of this variety are faultless in shape. Admirable for the garden or pot culture; 9 inches.

5192 **Brilliant Scarlet** 10
5206 **Crimson Ball** 10

DWARF CHRYSANTHEMUM-FLOWERED ASTERS.

The largest flowering of the dwarf asters; very double. 1 ft.

PER PKT.

5182 **Fiery Scarlet** 10
5175 **Snow White** 10
5174 **Finest Mixed** 10

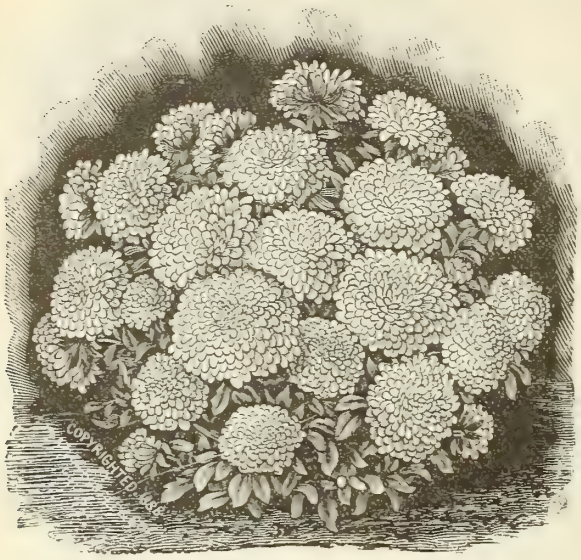
JEWEL, OR BALL-SHAPED ASTER.

A new and beautiful class of Asters, obtained from the well-known Pæony Perfection race; similar but somewhat dwarfer in habit than the latter, and with shorter petals; perfectly round flowers; 20 inches.

5212 **Apple Blossom** 10
5213 **Deep Pink** 10

WHITE COMET ASTER.

ASTERS—*Continued.*



Dwarf Queen Aster.

DWARF QUEEN ASTER.

A beautiful new class of large-flowering Asters of dwarf habit; bearing profusely full double imbricated flowers of great beauty.

PER PKT.

5184 **White** 10
5178 **Mixed Colors** 10

MIGNON ASTER.

The white Mignon Aster has become very popular, especially with the florists, for use in cut-flower work. There has recently been introduced some charming colors of this variety which we now offer in mixture.

5186 **Pure White** 10
5188 **Mixed Colors** 10

QUILLED ASTERS.

Perfectly double tube or quill-shaped flowers; valuable for bouquets and other purposes; 2 feet.

5198 **White** 5
5200 **Mixed Colors** 5

Chrysanthemum-Flowered Aster.

Triumph Aster.

5176 **Triumph.** Flowers of faultless Pæony form, all petals being beautifully incurved. The color is scarlet, peculiarly rich and brilliant 10

5173 **Cocardeau, or Crown.** Showy flowers, very double, with white centres, bordered with bright rich colors; 1½ ft. 10

5171 **Dwarf Pyramidal Bouquet.** The plants, when well grown, form a complete bouquet of flowers, splendid colors, mixed; 1 ft. 10

5177 **Giant Emperor.** Flowers of great size, very double, fine form, brilliant colors, and robust growth, mixed colors; 2 ft. 10

5185 **Mont Blanc** (*Goliath*). One of the largest flowering; producing pure white flowers 5 inches in diameter; extra double; 2 ft. 10

5187 **Victoria Needle Perfection.** Petals long, quilled and sharply pointed; mixed 10

5195 **Rose Flowered.** Pyramidal, robust habit regularly imbricated; variously colored, large, very double brilliant flowers; 2 feet 10

5211 **Snowball or White Princess.** This is the first variety of an entirely new class which from the build of its flowers is as beautiful as it is distinct. They are composed of short, very thickly set imbricated petals, half globular in form, and of the purest white .. 10

5180 **Washington.** This splendid variety is the largest Aster grown; bearing flowers four to five inches in diameter; very double, mixed colors 10

5210 **Dwarf German, Mixed.** Per oz. $1.00 10

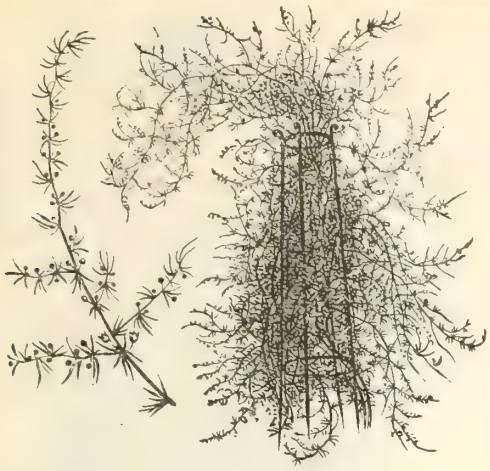
5220 **Fine Mixed China.** All colors. Per oz. 60 cts. . 5

5230 **Perennial Mixed.** Hardy herbaceous plants, thriving in any good garden soil. Saved from a splendid collection of single varieties; if sown early in the spring they will flower the first season 10

IMPORTED COLLECTIONS OF ASTERS.

5179 **Finest Quilled,** 18 varieties 75
5189 " " 10 " 50
5199 **Truffaut's Pæony Perfection,** 12 varieties ... 75
5209 **Victoria,** 12 varieties 75
5219 **Boltze's Dwarf Bouquet,** 6 varieties 50
5229 **Giant Emperor,** 6 varieties 60
5239 **Large Rose Flowered,** 6 varieties 50
5249 **Cocardeau, or Crown,** 6 varieties 50
5259 **Goliath,** 6 varieties 50

Your Asters are the finest I ever had, colors pure and true and all very double, in favorable contrast to others growing alongside procured from another source. JOHN DINGWALL, Albany, N.Y. Aug. 4, 1893.



ASPARAGUS VERTICILLATUS.

ASPARAGUS VERTICILLATUS.

PER PKT.

5169 A graceful hardy perennial climber with feathery foliage and scarlet berries.....10

ASPERULA ODORATA.

5166 **Sweet Woodruff.** Chief ingredient in the "Maltrank," or May wine of the Germans. The dried flowers and leaves have a delicious perfume, and impart an agreeable odor when kept among clothes, etc..... 5

AURICULA.

A well-known favorite of great beauty; seed saved from splendid choice varieties; half-hardy perennial; 6 inches.

5240 **Auricula, Mixed**.....15

AZALEA INDICA.

5250 Beautiful shrubby plants, covered with a mass of bloom, growing best in a mixture of rich, fibrous peat and sand; saved from a collection of showy, various-colored flowers; 3 feet.....25

ARALIA SIEBOLDI.

5161 A beautiful decorative greenhouse plant, with large, ornamental leaves; very useful as a house plant. New seed ready in April 15

BAPTISIA.

A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long.

5274 **Baptisia Australis.** Bright blue; 2½ feet..... 5

DOUBLE CAMELLIA-FLOWERED BALSAM.

BALSAM.

(Lady's Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil; tender annuals; 2 feet.

PER PKT.

5254 **Balsam, Double Scarlet** (*King*).....10
5263 " " **Pink** (*Maiden's Blush*).....10
5256 " " **Solferino.** Striped and spotted..... 10
5257 **Balsam, Double White.** Per oz. $1.00..... 5
5258 " " **Perfection.** Very double, immense, solid, round flowers. Per oz. $1.50.....10
5260 **Balsam, Double Camellia-Flowered.** Finest mixed. Per oz. $1.00.....10
5270 **Balsam, Double Mixed.** Occasionally semi-double. Per oz. 50 cts..... 5
5289 **Balsam, Double. Collection** of 6 colors....50
5279 **Balsam, Double. Collection** of 12 colors. $1.00

NEW RED BALSAM APPLE.

BALSAM APPLE (Momordica).

Very curious climbing vines, with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for trellises, rock-work, stumps, etc.; half-hardy annual; 10 feet.

6116 **Momordica Balsamina** (*Balsam Apple*). Apple-shaped fruit. Per oz. 50 cts..... 5
6117 — **Charantia.** Pear-shaped fruit. Per oz. 50 cts. 5
6119 — **Involucrata** (*New Red Balsam Apple*). A beautiful new variety with bright green deeply cut foliage, flowers creamy white, dotted with black; followed by sulphur yellow fruits, changing to scarlet, which burst when ripe, showing the blood-red seeds...20

BALLOON VINE.

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white; half-hardy annual; 5 feet.

5272 **Balloon Vine** (*Cardiospermum*). Per oz. 20 cts.. 5

BEGONIA SEMPERFLORENS VERNON.

BEGONIA.

Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow from August to October. Tubers must be kept from frost in dry sand.

PER PKT.

5290 **Begonia, Single Tuberous Rooted.** International Prize. Finest Mixed.....15
5280 — **Double Tuberous Rooted.** Finest Mixed.25
5281 — **Collection** of 6 single tuberous rooted.....75
5300 — **Rex Hybrida.** Beautiful varieties of the Rex class, with handsome variegated foliage; choice mixed; 6 inches..... 25
5282 — **Roezli.** Seeds sown in April make strong plants by September; the flowers appear in October, resembling an open Pæony.....25
5284 — **Vernon.** This new variety is distinguished by the splendid coloring of its foliage and flowers. When young, the leaves are dark green, but they change after being more exposed to the sun into a very deep red with metallic hue. The bright orange-carmine flowers, especially the male ones with their yellow anthers, contrast beautifully with the brown red foliage. It is very effective for bedding in masses, being covered with bloom from May until late in the autumn.....10

See Plant Department for bulbs of Tuberous Begonias.

BARTONIA.

Producing showy flowers, above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well; hardy annual; 2 feet.

5275 **Bartonia Aurea.** Large golden yellow..... 5

BEET.

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For planting in ribbon-beds or in groups they are very effective.

5288 **Red Chilian.** Scarlet ribbed. Oz. 15 cts..... 5
5287 **Yellow "** Golden yellow. Per oz., 15 cts.... 5
5286 **Dracæna-leaved.** Brilliant dark red foliage.... 5

BOUVARDIA.

Excellent plants for house, greenhouse or garden.

5306 **Bouvardia, Mixed**..... 20

BOCCONIA.

Effective plant, for single specimens or groups on lawn. Foliage glaucous green, bears freely spikes 2 to 3 feet long, of cream-colored flowers; hardy perennial; 5 feet.

5305 **Bocconia Japonica**..... 5

BRACHYCOME.

BRACHYCOME.

(Swan River Daisy.)

Free-flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or pot-culture; half-hardy annual.

PER PKT.

5307 **Brachycome, Mixed.** Light blue and white... 5

BIDENS.

(Dahlia Zimapani.)

A free-flowering tender annual having beautiful foliage and bearing fine and attractive flowers. The roots can be preserved like Dahlias; 1 foot.

5303 **Bidens Atrosanguinea.** Crimson and yellow. 5

BROWALLIA.

BOCCONIA.

BRYONOPSIS.

A beautiful plant of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white; half-hardy annual; 10 feet.

5318 **Bryonopsis Laciniosa** 5

BROWALLIA.

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers, during the summer and autumn months, growing freely in any rich soil; blooms finely in the winter if sown in August; half-hardy annual; 18 inches.

5323 **Browallia Elata Cœrulea.** Large sky-blue flowers with a white centre..... 5
5324 — **Elata Nana.** Dwarf sky-blue.....10
5330 — **Mixed.** All the Elata varieties..... 5

CALCEOLARIA HYBRIDA.

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory.

PER PKT.

5350 **Calceolaria Hybrida, Tall, Mixed.** Large-flowering, beautiful, rich, self-colored flowers; saved from a choice collection; 20 inches 25

5352 — **Hybrida Tigrina, Tall, Mixed.** Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors; 20 inches 35

5353 — **Hybrida Pumila Compacta.** Of dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot 35

5354 — **Rugosa, Mixed** (*Shrubby*). Small-flowering varieties for bedding; of the finest colors; 2 feet 50

CALENDULA.

Showy free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 foot.

5345 **Calendula Meteor.** Large double yellow, striped with orange. Oz. 30 cts. 5

5348 — **Prince of Orange.** Resembles Meteor, but is much darker. Oz. 40 cts. 5

5343 — **Pongei Flore Pleno.** Showy, double white flowers 5

5346 — **Orange King.** New, very large double flowers of a dark orange red 5

5347 — **Pure Gold.** Large flowers of a pure golden yellow 5

5342 — **Double Sulphur.** A new variety of the improved compact growing pot Marigold, growing about 1 foot high, with very large and extremely double flowers of a pleasing sulphur yellow color 10

CALENDULA, DOUBLE SULPHUR.

CACALIA.

(Tassel Flower.)

A neat, half-hardy annual of easy culture, with tassel-shaped flowers; blooms from July to September in clusters; fine for borders. Golden yellow and scarlet; 1½ feet.

PER PKT.

5340 **Cacalia, Mixed.** Per oz. 50 cts. 5

CALADIUM.

Variegated foliage plants, for greenhouse decoration.

5362 **Caladium, Finest Mixed** 25

CALLIRHOE.

A very pretty hardy annual, growing from two to three feet high. It commences to flower when very small, and continues a mass of bloom all summer.

5341 **Callirhoe Pedata.** Rich violet purple, white eye 5

CASTILLEGA INDIVISA.

It is not too much to say that this is one of the most effective of recent introductions, producing brilliant scarlet flowers in dense spikes.

5416 Half-hardy annual, fine for pot culture 20

CANARY BIRD FLOWER.

(See Tropæolum Canariense.)

CAMPANULA.

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatica and Speculum are fine for beds, edgings and ribbon-gardening.

5368 **Campanula Pyramidalis** (*The Chimney Campanula*). A beautiful and stately plant, either for garden or pot culture; mixed blue and white flowers; hardy perennial; 3 feet 5

5367 — **Carpatica, Mixed.** Free-flowering, blue and white mixed, continuing in bloom the whole season; hardy perennial; 6 inches 5

5366 — **Macrostyla.** A new, beautiful rose-flowering variety of this favorite type; hardy perennial, flowering first season, if sown early; 2 feet 10

5420 — **Media, Single, Mixed** (*Canterbury Bells*). Beautiful large bell-shaped flowers; effective plants for pot-culture; hardy biennials; 2½ feet 5

5410 — **Media, Double, Mixed** (*Canterbury Bells*). All the double Media varieties; 2½ feet 5

5363 — **Media Calycanthema** (*Cup and Saucer*). This is the finest variety of Campanula, producing plants with white and blue flowers resembling cup and saucer; mixed 10

5365 — **Speculum.** A double blue variety of Venus' Looking-Glass, fine for cutting and bouquets; 6 inches 5

5412 — **Garganica.** Charming miniature trailing Bellflower with light blue flowers, splendid plant for hanging baskets or for pot culture; flowers the first year when sown early 10

CANTERBURY BELLS.

CANNA.

Highly ornamental plants, producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Soak the seed 12 hours in hot water before planting; sow in sandy loam or peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

PER PKT.

5402 **Crozy's Large-flowering Dwarf, French, Finest Mixed.** Comprising all the newest and most beautiful varieties. Per oz. $1.00.....10
5406 — **Madame Crozy.** Flowers of the largest size, of a dazzling crimson scarlet bordered with golden yellow; very free-flowering.....10
5407 — **Paul Marquant.** Flowers of the largest size, of a bright salmon scarlet.....15
5408 — **Captain Suzzoni.** Large, yellow, spotted, with cinnamon red.....15
5400 — **Choice Mixed.** Old varieties. Per oz. 40 cts.. 5

CALLIOPSIS.

Showy, and beautiful, free-flowering, hardy annuals.

5358 **Calliopsis, Golden Wave.** (See cut.) A very showy sort with bright, golden yellow flowers ... 5
5355 — **Drummondi.** Large, yellow, crimson..... 5
5357 — **Nigra Speciosa.** Rich, velvety crimson..... 5
5360 — **Mixed.** All the choice kinds. Per oz. 40 cts.. 5

CANDYTUFT, TOM THUMB.

CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April flower from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. Hardy annuals, 1 foot high.

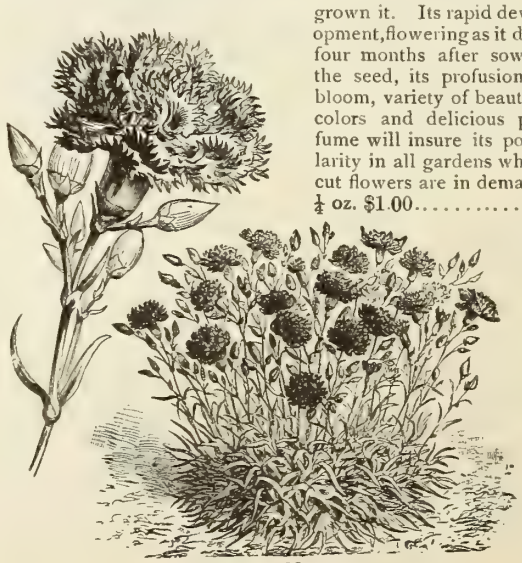
PER PKT.

5380 **Candytuft, Empress.** A complete mass of pure white flowers, in a pyramid of bloom. Per oz. 50 cts..10
5386 — **Carmine** 5 cts. 5385 — **Crimson**..... 5
5381 — **White Fragrant.** Per oz. 25 cts..... 5
5382 — " **Rocket.** Per oz. 25 cts..... 5
5390 — **Mixed Colors.** Per oz. 25 cts..... 5
5383 — **Tom Thumb, White.** 6 inches..... 5
5387 — **Dwarf Hybrids, Mixed.** 6 inches.....10
(*For hardy Candytufts, see Iberis, page* 59.)

CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer.

5425 **Carnation, Finest German.** Mixed colors; saved from extra fine double named flowers.....20
5426 — **Remontant, or Tree** (*Double Perpetual*). Mixed colors; from choicest double named flowers...35
5430 — **Fine Double, Mixed.** The hardiest and best varieties for garden culture.....10
5423 — **Early Flowering Double Vienna**....10
5424 — **Riviera Market.** A splendid strain of perpetual Carnations, producing 85 per cent. of double flowers, in many beautiful colors, including a large percentage of yellow grounds.....25
5429 — **Collection** of 12 finest varieties.....$1.00
5428 — **Marguerite.** This beautiful new race of Carnation has attracted the admiration of all who have grown it. Its rapid development, flowering as it does four months after sowing the seed, its profusion of bloom, variety of beautiful colors and delicious perfume will insure its popularity in all gardens where cut flowers are in demand. ¼ oz. $1.00.....10



CARNATION, MARGUERITE.

COCKSCOMB—GLASGOW PRIZE.

Celosia, or Cockscomb.

Free blooming graceful plants, growing best in rather light soil not too rich, producing spikes of beautiful, feathery and comb-shaped flowers; grown in pots, they are fine for the greenhouse or conservatory. The plumed varieties are fine for cutting and drying for winter bouquets, which should be done when in full bloom and before they fade. Half-hardy annuals.

PER PKT.

5440 **Celosia Variegata.** Variegated with crimson, orange, green, shaded and striped; of the most brilliant hues; 3 feet 5

5442 — **Glasgow Prize.** Dark foliage, immense showy dark crimson combs; 1 foot 10

5443 — **Empress.** Produces combs of colossal proportions, flowers have been grown measuring 45 inches from tip to tip; rich velvety crimson 10

5447 — **Golden Plume.** Pyramidal habit. Flowers bright golden yellow; 3 feet 10

5445 — **Plumosa Superba.** A beautiful feathered variety; mixed colors; 3 feet 10

5450 — **Dwarf, Mixed.** Fine dwarf varieties of Cockscomb. Per oz., 75 cts 5

5449 **Collection** of 6 varieties Dwarf Cockscomb 30

5441 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only about eight inches high, with beautiful dark rose-colored combs of immense size, measuring under good cultivation two feet across and one foot in breadth. It is an interesting plant for growing in pots 10

CHRYSANTHEMUM INODORUM PLENISSIMUM.

Chrysanthemum.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

Single Annual Varieties.

PER PKT.

5484 **Burridgeanum.** White centre, crimson band, beautiful; 1 foot 5

5493 **Carinatum Eclipse.** Pure golden with a bright purplish scarlet ring and dark brown disc, very striking 5

5495 **Segetum Grandiflorum.** Large blooms of a bright sulphur-yellow color, measuring 2 to 2½ inches in diameter 5

5486 **W. E. Gladstone.** Brilliant crimson. A showy flower 5

5481 **Golden Feather.** White, banded crimson, inner ring canary yellow, maroon eye 5

5483 **The Sultan.** Crimson maroon, golden yellow centre 5

5500 **Single Mixed.** Summer flowering varieties; 1 to 2 feet. Oz. 30 cts 5

5489 **Collection** of summer-flowering Chrysanthemums, 8 varieties 30

SINGLE ANNUAL CHRYSANTHEMUM.

Semi-Double Annual Varieties.

5485 **Semi-Double White** 5

5487 **Semi-Double Yellow** 5

5488 **Chrysanthemum Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale. It produces freely its white star-like flowers under the most unfavorable conditions 10

5480 **Chrysanthemum Inodorum Plenissimum.** Double snow-white, very free flowering and fine for cutting. A perennial, flowering the first year from seed 10

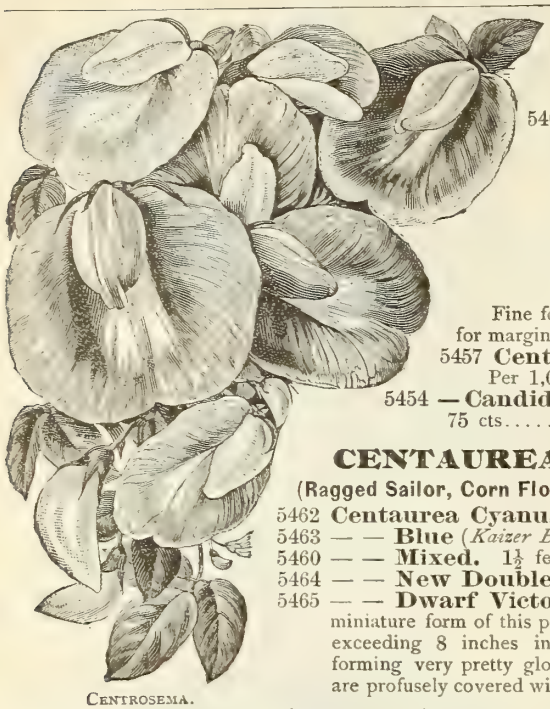
5491 **Chrysanthemum, New Double Annual.** These beautiful varieties have been obtained by carefully hybridizing and selecting for several years the semi-double varieties of this useful annual until a high degree of doubleness has been attained. They are extremely variable in color, including innumerable shades of red and rose, purple, yellow, white, etc 10

5490 **Chrysanthemum Japanese Hybrids.** The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall, and do better than old plants 25

PER PKT.

CENTROSEMA GRANDIFLORA VIRGINICA.

5468 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish-purple, with a broad, feathery white marking through the centre, the buds and back of the flowers being pure white 10



CENTROSEMA.

CENTAUREA.

(White-Leaved Varieties.)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. Sow the seed from December to April; half-hardy perennials.

5457 **Centaurea Gymnocarpa.** Fine cut, silvery-gray foliage; 1½ feet. Per 1,000 seeds 50 cts.....10

5454 — **Candidissima.** Silvery white, leaves broadly cut; 1 foot. Per 1,000 seeds 75 cts.....10

CENTAUREA CYANUS.

(Ragged Sailor, Corn Flower, or Blue Bottle.)

5462 **Centaurea Cyanus, White**..... 5

5463 — — **Blue** (*Kaizer Blume*)..... 5

5460 — — **Mixed.** 1½ feet..... 5

5464 — — **New Double Flowered**.....10

5465 — — **Dwarf Victoria.** A charming miniature form of this popular flower, rarely exceeding 8 inches in height, the plants forming very pretty globular bushes, which are profusely covered with dark-blue flowers.10

CENTAUREA CYANUS DOUBLE.

CEDRONELLA.

5435 **Cedronella Cana.** A hardy perennial plant, with fragrant foliage and long spikes of purplish flowers, remaining in bloom a long time; 2 feet.... 5

CERASTIUM.

(Snow in Summer.)

5472 **Cerastium Tomentosum.** A very pretty dwarf white-leaved edging plant bearing small white flowers..... 5

CLARKIA.

An old favorite hardy annual plant, growing in any garden soil, and producing freely its cheerful flowers early in the season. Sow the seed early in the spring or in the autumn.

5560 **Clarkia Pulchella, Single.** Mixed colors..... 5

5570 — — **Double.** Mixed colors..... 5

CLEOME (Giant Spider Plant).

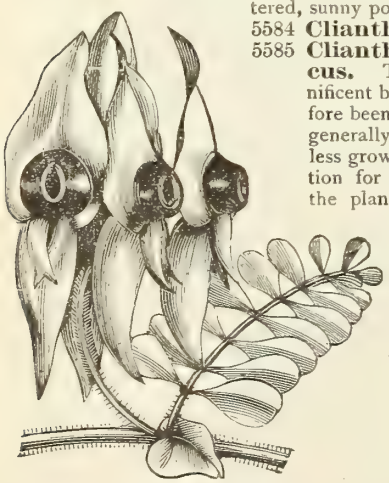
5581 **Cleome Pungens.** Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; half-hardy annual; 3 feet..... 5

CLIANTHUS (Australian Glory Pea).

A beautiful green-house perennial shrub, bearing clusters of drooping, brilliant, rich scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre. Plant out in May or June, when the weather has become warm, in a rather dry, sheltered, sunny position; 4 feet.

5584 **Clianthus Dampieri** 15

5585 **Clianthus Dampieri Germanicus.** The seed supplied of this magnificent but little known plant has heretofore been of Australian growth, and has generally given unsatisfactory results unless grown under glass. By careful selection for many years in a colder climate, the plant has been gradually hardened, and we now offer a strain of seed that, if sown in the open border in May, will produce plants that will flower freely all summer...25



CLIANTHUS DAMPIERI.

CLEMATIS.

Rapid-growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large-flowering varieties are very handsome, and are continually in bloom. Soak the seeds in warm water for 24 hours before sowing; hardy perennials; 15 feet.

CERASTIUM TOMENTOSUM.

5575 **Clematis Flammula** (*Virgin's Bower*). Producing beautiful clusters of small white fragrant flowers..... 5

5577 — **Hybrida Grandiflora.** Large flowering, mixed 15

CINERARIA GRANDIFLORA.

Cineraria Grandiflora.

"DREER'S PRIZE STRAIN."

This strain of Cineraria cannot be surpassed either for size of flowers or beauty of color. Many of the blooms measure 2½ inches in diameter, and none will be smaller than a silver dollar. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the *best* should procure our Prize strain.

PER PKT.

5510 **Cineraria Hybrida Grandif.,** *Prize* dwarf, mix. .35
5520 " " " *Prize* tall, mixed. . .35
5540 " " " choice mixed, dwarf. 25
5530 " " " choice mixed, tall. . .25
5531 **Cineraria Hybrida Grandif. White Gem.** A new pure white variety, excellent for Easter decoration. 50
5511 **Cineraria Hybrida Grandiflora Kermesina.** This superb variety is one of the richest colored of this beautiful class of plants. The flowers are of the largest size, averaging 2½ inches across, of an intense glowing velvety dark crimson. 35
5550 **Cineraria, Double Mixed.** Large-flowering double varieties, double mixed. All the rich and beautiful colors of the single exist in this variety. 50

COLEUS.

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March or April. Mixed colors and varieties.

5640 **Coleus, Dreer's Hybrids**. 25

Cobæa.

A climber of rapid growth, flowering the first season if sown early in the house or hot-bed. In sowing, place seeds edgewise and merely cover with light soil.

PER PKT.

5586 **Cobæa Scandens.** Large, bell-shaped purple flowers 10
5587 — **Scandens Alba.** Pure white. 15

COCCINEA.

(Scarlet Fruited Ivy Leaved Climber.)

A handsome climber of the gourd species, flowering the first season if started early in heat, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers, and brilliant carmine fruit; half-hardy perennial; 10 feet.

5588 **Coccinea Indica**. 10

COBÆA SCANDENS.

CONVOLVULUS MAJOR.

(Morning Glory.)

One of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals; 15 feet.

5630 **Morning Glory, Mixed.** All colors. Per oz. 15 cts. 5
5629 **Collection** of Morning Glory, 10 varieties. 40

CINERARIA.

(Dusty Miller.)

Fine for bedding, ribbon-beds, and margins; prized for their beautiful downy silvery foliage; half-hardy perennials; 2 ft.

5555 **Cineraria Maritima Candidissima.** With large silver foliage; clusters of yellow flowers. Oz. 75 cts. 5
5556 — **Acanthifolia.** Silvery foliage, beautifully cut. .10

CONVOLVULUS MINOR.

(Dwarf Morning Glory.)

Rich colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect; hardy annuals; 1 foot.

5606 **Convolvulus Tricolor, Mixed**. 5
5611 — **Mauritanicus.** A beautiful trailing plant for hanging-baskets; blue flowers. 10

CONVOLVULUS (MORNING GLORY).

COLLINSIA.

Very pretty free-flowering plants, blooming in whorls and several whorls around each floower stem; mixed, of all varieties and colors; hardy annual; 1½ feet.

5650 **Collinsia, Mixed**. 5

COMMELINA.

A tuberous-rooted, free-blooming, very pretty plant; succeeds in a light, rich soil. Half-hardy perennial, blooming the first season from seed; 1½ feet.

5602 **Commelina Cœlestis Cœrulea.** Rich sky-blue 5

CINERARIA MARITIMA.

The Cineraria seed I got from you last fall—the prize strain—produced the finest flowers I ever saw, and I have seen some good ones in the old country. CHAS. W. CROUCH, *Knoxville, Tenn., March 8, 1893.*

COSMOS.

An autumn-flowering plant, requiring treatment similar to the Dahlia. The flowers are borne profusely in loose clusters, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. It begins blooming in August and continues until cut down by frost.

				PER PKT.
5651	**Cosmos Hybridus.**	Dark pink.	Per oz. 75 cts.	.10
5654	— —	Light pink.	" 75 "	.10
5653	— —	Pure white.	" 75 "	.10
5652	— —	Mixed.	" 75 "	.10

COREOPSIS LANCEOLATA.

5356 This is one of the finest of hardy plants, with large, showy, bright golden yellow flowers freely produced on long stalks from June till frost, excellent for cutting for bouquets, etc. It is perfectly hardy, and will thrive in almost any situation; perennial; 3 feet.....10

CUPHEA (Cigar Plant).

5655 **Cuphea Roezli Superba.** A very free-flowering plant, bearing tubular flowers of a bright red color.15

CYCLANTHERA.

A climbing plant of the gourd species, free-growing, handsome foliage and oval-shaped fruit, exploding loudly when ripe; half-hardy annual; 10 feet.

5672 **Cyclanthera Explodens**..... 5

CYCLAMEN PERSICUM GIGANTEUM.

Cyclamen Persicum.

Charming plants with beautiful foliage and rich colored fragrant flowers, universal favorites for winter and spring blooming. The Giganteum varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage.

PER PKT.

5661 **Album.** Pure white.....25
5662 **Emperor William.** Extra dark red, beautiful..25
5670 **Choice Mixed**.....10
5663 **Giganteum** (*Williams*). Pure white with violet eye.50
5657 — **Album.** Pure white; superb.....35
5658 — **Rubrum.** Dark red; splendid.....35
5664 — **Rose Queen** (*Williams*). Delicate rose with deep crimson eye.....50
5665 — **Sanguineum.** New darkest red; fine.... 50
5660 — **Finest Mixed**.....35

CYPRESS VINE.

(Ipomœa Quamoclit.)

One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful small, star-shaped flowers. Sow in May; 15 feet.

5674 **Crimson.** Per oz. 30 cts. 5
5676 **White.** Per oz. 30 cts. 5
5680 **Mixed.** White and crimson. Per oz. 30 cts...5
5677 **Scarlet Ivy-leaved.** A rapid-climbing variety, with deeply-lobed, ivy-like leaves, and small, fiery scarlet flowers. Per oz. 30 cts..... 5

CYPRESS VINE.

COSMOS—A colored sketch of these beautiful flowers is shown on the first page of our cover.

Double Daisy.

DAISY.

(Bellis Perennis.)

A favorite plant in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

PER PKT.

5690 **Daisy, Mixed.** All colors; 4 inches.....10

5682 — **Double White**.....10

5684 — **Longfellow.** Large double pink flowers.....10

5683 — **Snowball.** A large and very double pure white Daisy of the "Longfellow" type. The flowers are borne on long stems and are excellent for cutting.....15

5685 — **Double Quilled Mixed.** Very double, quilled petals, red and white mixed.....15

5686 — **New Giant Double.** These new Giant Daisies, which are beautifully and densely imbricated, are of an unusual size, measuring from 1½ to 2 inches in diameter and varying in different red tints.....15

Delphinium.

DATURA.

(Trumpet Flower.)

5697 **Datura Double Golden.** Large double flowers, of a deep golden yellow; delightfully fragrant..... 5

5700 — **Fastuosa Huberiana, Mixed.** From large double flowers of various colors..... 5

5696 — **Arborea Simplex** (*Brugmansia*). Large single trumpet-shaped, white, fragrant flowers, about 12 inches long. Plant out in May.....15

DIGITALIS.

(Foxglove.)

A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

5750 **Digitalis Gloxinaeflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed..... 5

5751 — **Monstrosa.** Mammoth Foxglove. The largest and best type; all colors mixed.....10

DAHLIA.

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand; 2 to 8 feet.

5692 **Dahlia Double.** Large flowering; finest mixed..10

5693 — **Double.** Small flowering (*Bouquet or Liliputian*); finest mixed.....10

5691 — **Single. Gracilis.** Beautifully striped and spotted varieties.....10

5695 — **Single. Jules Chretien.** Bright scarlet, half dwarf; one of the finest.....15

5694 — **Single Mixed.** Large, showy single flowers.....10

5699 — **Single. Collection** of 6 separate sorts.....50

5698 — **Tom Thumb.** New single varieties in beautiful mixed colors; a highly interesting class of neat, compact and dwarf habit, growing about 1 foot in height, very free-flowering, invaluable for cutting purposes, and admirably adapted for planting in masses and for border decoration. They bloom the first season from spring-sown seed.....20

Digitalis.

DICTAMNUS.

(Burning Bush or Gas Plant.)

A hardy perennial, fragrant, free-flowering, herbaceous plant, suitable for mixed borders; thriving in any common soil; producing racemes of flowers often 1 foot in length.

5745 **Dictamnus Fraxinella, Mixed.** White and red; 2 feet..... 5

DELPHINIUM.

(Perennial Larkspur.)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed; hardy perennials.

PER PKT.

5705 **Delphinium Formosum.** Beautiful spikes of brilliant rich blue flowers, with a white centre; 2½ feet..... 5

5706 — **Nudicaule.** Dwarf, of compact growth, with spikes of bright scarlet flowers; 18 inches.....10

5708 — **Cashmerianum.** A beautiful dark blue, blooms in corymbs of 6 or more; 15 inches.....10

5715 — **Elatum Hybridum.** Bee Larkspur. Rich deep blue; very free blooming.....10

5718 — **Grandiflorum fl. pl.** Finest double, mixed in great variety of charming colors..... 5

5707 — **Zalil.** A lovely shade of sulphur yellow..... 10

5714 — **Fine Mixed** varieties. Oz. 40 cts..... 5

DOLICHOS.

(See Hyacinth Bean, page 58.)

Dahlia, Tom Thumb.

Dianthus or Pinks.

DIANTHUS HEDDEWIGI DIADEMATUS.

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese and Japanese varieties, bloom the first season, the same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

Double Annual Varieties.

PER PKT.

5720 **Dianthus Chinensis** (*China or Indian Pink*). Double, mixed. Per oz., 30 cts. 5

5721 — **Chinensis.** Double white. Per oz. 40 cts. 5

5730 — **Heddewigi,** Double mixed (*Japan Pink*). Colors varying from the richest velvety crimson to the most delicate rose. Per oz. 60 cts. 5

5735 — **Heddewigi.** Double white, very fine 10

5740 — **Heddewigi Diadematus** (*Double Diadem Japan Pink*). Beautiful double flowers; mixed of varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white. Per oz. 75 cts. 5

5722 — **Imperialis** (*Double Imperial Pink*). Double, variegated, mixed colors 5

5728 — **Laciniatus Flore Pleno** (*Double Fringed Japan Pink*). Large double showy flowers with fringed edges, mixed, various colors and beautifully striped 5

5724 — **Mourning Cloak.** Rich, blackish crimson; a very fragrant and effective flower 10

Single Annual Varieties.

PER PKT.

5734 **Dianthus Heddewigi.** Finest selected single-flowered, mixed. Oz. 50 cts. 5

5731 — **Laciniatus.** Abeautiful fringed variety; various colors 5

5732 — **"Eastern Queen."** Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty 5

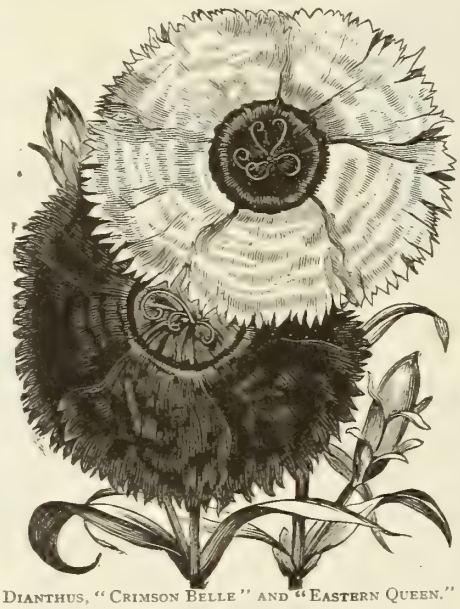
5733 — **"Crimson Belle."** As its name implies, is a rich crimson color, flowers of a very large size and substance, evenly and finely laciniated 5

5739 **Collection** of China and Japan Pinks; 12 varieties 50

Hardy Perennial Varieties.

5725 **Dianthus Plumarius, Pheasant's Eyes.** A beautiful single variety, with fringed-edged white flowers, and a dark centre 5

5727 — **Plumarius Scoticus Fl. Pl.** (*Double Scotch, or Paisley Pinks*). Double, large flowering, with fringed edges of various colors, mixed 15



DIANTHUS, "CRIMSON BELLE" AND "EASTERN QUEEN."

5723 — **Nanus Atro-Sanguineus.** A dwarf plant producing globular double dark blood-red flowers 5

5742 — **Fine Garden, or Clove-Scented Pinks** (*Hortensis Varieties*). Beautiful double mixed colors 10

DRACÆNA.

Beautiful ornamental leaved plants, indispensable for vases and house decoration.

5756 **Australis.** Broad green leaves 10

5757 **Indivisa Lineata.** Gracefully arching, dark green. 10

5758 **Splendid** mixed varieties .. 15

ECHEVERIA.

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost.

5776 **Echeveria, Mixed** 25

EUCHARIDIUM.

A rare and beautiful plant, of dwarf spreading habit and narrow lanceolate foliage. The color of the flowers is a pleasing purplish rose, shading to white in the centre.

5808 **Eucharidium Breweri** 10

ERYTHRINA CRISTA GALLI.

ERYTHRINA.

(Coral Plant.)

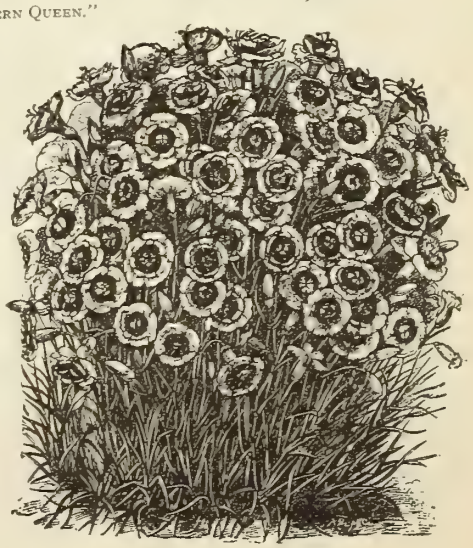
An ornamental half-hardy perennial shrub, fine for out-door summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet.

5786 **Erythrina Crista Galli** 15

EUPATORIUM.

A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ feet.

5804 **Eupatorium Fraseri** 10



DIANTHUS PLUMARIUS

HELICHRYSUM.

GLOBE AMARANTH, NANA COMPACTA.

RHODANTHE.

Everlasting Flowers and Ornamental Grasses.

ACROCLINIUM. Charming border plants with beautiful flowers, growing freely in any good garden soil; half-hardy annuals; 1 foot.

PER PKT.

5021 **Acroclinium, Single Rose** 5
5022 — **Single White** 5
5030 — **Single Mixed.** Per oz. 40 cts. 5
5025 — **Double Rose** 10
5114 **AMMOBIUM ALATUM GRANDIFLORUM.** A pretty border plant much used as an everlasting flower for winter bouquets; pure white; hardy annual; 2 feet 5

GLOBE AMARANTH (*Gomphrena*). Commonly known as Bachelor's Buttons. Handsome flowers of various colors; half-hardy annuals; 2 feet.

5892 **Globe Amaranth, White** 5
5895 — — **Purple** 5
5896 — — **Nana compacta.** New dwarf red 10
5900 — — **Mixed.** Per oz. 40 cts 5

HELICHRYSUM. Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; hardy annuals; 1½ feet.

5925 **Helichrysum, Pure White** 5
5928 — **Deep Crimson** 5
5930 — **Mixed.** All colors. Per oz. 60 cts 5
5942 **HELIPTERUM SANFORDI.** A very pretty border plant of dwarf habit, bearing large globular clusters of bright golden-yellow flowers; 1 foot... 5

RHODANTHE. A charming plant; succeeds in a light, rich soil, and a warm, sheltered situation; valuable for pot or border culture; half-hardy annuals; 1 foot.

6460 **Rhodanthe, Fine Mixed** 10

XERANTHEMUM. Showy double free-flowering border plants.

6760 — **Superbissimum.** This new strain has double globe-shaped flowers 10
6770 — **Mixed** 5
5799 **Collection** of Immortelles and Everlasting Flowers; 12 varieties, each separate 60

PER PKT.

5167 **ARUNDO DONAX VARIEGATA** (*New Zealand Pampas Grass*). A variety similar to the Pampas, with long, graceful, drooping leaves, and silvery plumes, on stems 10 feet high; fine for specimens on lawns or for massing; hardy perennial 10
5313 **BRIZA MAXIMA** (*Quaking Grass*). A beautiful variety, in great demand for ornamental work and grass bouquets; hardy annual; 1 foot 5
5316 **BROMUS BRIZÆFORMIS.** A graceful variety, with drooping panicles resembling the Briza Maxima; hardy perennial, flowering the first season; 1 foot 5
5591 **COIX LACHRYMÆ** (*Job's Tears*). With broad, corn-like leaves, and hard, shining, pearly seeds; half-hardy annual; 2 feet. Per oz. 30 cts 5
5782 **ERIANTHUS RAVENNÆ.** Hardy perennial, exquisite white plumes resembling the Pampas Grass. Fine for lawns if planted in clumps. Flowers the first season if sown very early in the greenhouse or hot-bed; 10 feet 5

EULALIA. Hardy perennial, long narrow leaves, elegantly recurved flower-spikes of a light violet color, not unlike a curled ostrich feather.

5802 **Eulalia Japonica.** Striped white and green 10
5803 — **Zebrina.** Leaves light green, mottled and striped. 10
5913 **GYNERIUM ARGENTEUM** (*Pampas Grass*). White silvery plumes, half-hardy perennial, blooms the second season from seed; will stand out over winter, if protected 5
5988 **LAGURUS OVATUS** (*Hare's Tail Grass*). Beautiful small white heads or spikes of bloom, excellent for bouquets; hardy annual; 1 foot 5
6586 **STIPA PENNATA** (*Feather Grass*). Hardy perennial, beautiful, delicate, white, feathery bloom; flowering the second season from seed. The seed is slow to vegetate; 2 feet 5
5919 **Collection** of Grasses, containing one package of each of the above varieties 50

JOB'S TEARS.

BRIZA MAXIMA.

PAMPAS GRASS.

EULALIA ZEBRINA.

Eschscholtzia Mandarin.

Euphorbia Variegata.

ESCHSCHOLTZIA.

(California Poppy.)

Very attractive plants for beds, edgings, or masses; profuse flowering and fine cut foliage, in bloom from June till frost; hardy annuals; 1 foot.

PER PKT.

5788 **Eschscholtzia Aurantiaca.** Rich orange.... 5
5796 — **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet..... 5
5795 — **Rose Cardinal.** A charming new variety, producing freely beautiful large flowers, of intense carmine..... 5
5800 — **Mixed, Single.** All colors. Per oz. 40 cts... 5
5790 — **Mixed, Double Varieties.** 5

EUPHORBIA.

(Snow on the Mountain.)

5806 **Euphorbia Variegata.** Attractive foliage, with white and green bracts on the tip of each branch, veined and margined with white; 2 feet..... 5
5807 — **Heterophylla** (*Mexican Fire Plant, Painted Leaf*). A hardy annual resembling in habit and color the beautiful hot-house Poinsettia. The plants grow two to three feet high, of branching bush-like form, with smooth glossy leaves, which are at first entirely green, but about mid-summer clusters of small white flowers appear on the end of each branch surrounded by beautiful orange scarlet bracts, presenting a striking and brilliant combination of colors..... 5

FENZLIA.

A small dwarf profuse flowering plant, adapted for small beds, rustic work, vases, or pot culture, blooming all summer, and requires to be well supplied with moisture; hardy annual; rosy lilac, with crimson centre; 3 inches.

5815 **Fenzlia Dianthiflora**.....10

Fenzlia Dianthiflora.

Fuchsias.

FUCHSIA.

A well-known plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties.

5836 **Fuchsia Procumbens.** Trailing.....15
5835 — **Mixed**.....15

FERNS.

These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peaty, sandy soil, and moist, shady positions in the garden during the summer. The seed is, however, slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering the seed with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees.

PER PKT.

5816 **Adiantum, Mixed.** Maiden-hair varieties.....15
5830 — **Choice, Mixed.** From a fine collection.....15
5819 **Collection** of Ferns, 12 varieties.....$1.00

FREESIA.

Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant.

5831 **Freesia Refracta Alba**.....10

Gaillardia Lorenziana.

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn; half-hardy annuals; 1½ feet.

5837 **Gaillardia Picta.** Crimson and orange..... 5
5838 — **Picta Lorenziana.** A charming profuse flowering semi-double strain; beautiful mixed colors..... 5
5840 — **Mixed.** Fine colors..... 5
5841 — **Grandiflora Superba.** Splendid new perennial varieties with very large flowers, dark crimson centres, marked with rings of many brilliant colors...10

GAZANIA.

Excellent plants for vases, edgings or beds. They are constantly in bloom and are very showy.

5843 **Gazania Splendens.** Rich orange, black centre.10

GENTIANA.

A charming hardy perennial which blooms early in May. The dwarf sorts are excellent for edgings, etc.

5852 **Gentiana Acaulis.** The Blue Gentian, flowers rich blue; 6 inches.....10

GERANIUM.

5850 **Geranium Zonale, Mixed.** A superb strain of the largest and finest varieties; mixed colors..... 10
5845 — **Variegated, Mixed.** Bronze, gold, and silver tri-colored foliage varieties.....25
5846 — **Double, Mixed.** This seed will produce a large percentage of double flowers of extra fine colors..25
5847 — **Pelargonium, Mixed** (*Lady Washington*). From the finest fancy and spotted large flowering.....25
5844 — **Apple-Scented** (*Pelargonium odoratissimum*). This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate.....10

GLOXINIA.

GLAUCIUM.

GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into shallow pots to grow through summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring repot and water freely; will blossom second season. Stove perennial bulbs.

PER PKT.

5861 **Gloxinia Hybrida Erecta.** Erect large-flowering varieties in splendid mixture.....25
5864 — — **Punctata.** Tigred and spotted hybrids from a superb collection.....25
5870 — **Hybrida Mixed.** Erect and drooping flowers.25

GLAUCIUM.

(Horn Poppy.)

An ornamental foliage plant, with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped, and drooping; hardy biennial; 2 feet.

5858 **Glaucium Corniculatum**..... 5

GNAPHALIUM.

(Edelweiss.)

Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mould, and should be kept cool and moist.

5885 **Gnaphalium Leontopodium**.....15

GESNERA.

A beautiful hot-house, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich, peaty soil; choice varieties; 2 feet.

5853 **Gesnera Mixed**.....25

GEUM.

Beautiful hardy perennial, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets.

5854 **Geum Atrococcineum.** Scarlet..... 5

GILIA.

Very pretty dwarf plants, early, free blooming, fine for massing and rock work; hardy annuals; 1 foot.

5880 **Gilia Mixed.** All varieties and colors..... 5

GYPSOPHILA.

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings, and borders; succeeding in any garden soil.

5916 **Gypsophila Paniculata.** White flowers, fine for bouquets; hardy perennial; 2 feet..... 5
5915 — **Elegans, Mixed.** Hardy annual 5

GOLDEN FEATHER.

(See Pyrethrum.)

GLOBE AMARANTH.

(See Everlasting Flowers.)

GODETIA LADY ALBEMARLE.

GODETIA.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors; 1½ feet.

PER PKT.

5886 **Godetia Apple Blossom.** Rosy blush..... 5
5888 — **Duchess of Albany.** Pure white..... 5
5889 — **Fairy Queen.** Blush, spotted carmine..... 5
5887 — **Lady Albemarle.** Large, crimson rose..... 5
5891 — **The Bride.** White, carmine centre..... 5
5890 — **Mixed**..... 5

GOURD, ORNAMENTAL.

Rapid growing, interesting plants with ornamental foliage, and varieties of singular shaped fruit; tender annuals; 15 to 20 feet.

5903 **Calabash.** The Dipper..... 5
5905 **Hercules' Club.** Club-shaped; 4 feet long..... 5
5904 **Egg-Shaped.** Fruit white like an egg..... 5
5906 **Orange-Shaped, or Mock-Orange**..... 5
5901 **Bottle-Shaped**..... 5
5912 **Turk's Turban.** Red striped,..... 5
5911 **Pear-Shaped.** Striped; very showy..... 5
5902 **Luffa.** *Dish Rag*, or *Bonnet Gourd*.....10
5907 **Serpent.** Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length..... 5
5910 **Fine Mixed.** Per oz. 40 cts..... 5

GREVILLEA ROBUSTA.

5882 A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration.....10

GOLDEN ROD.

5884 **Solidago canadensis.** Golden yellow; hardy perennial; 2 to 3 feet..... 5

HELIANTHUS CUCUMERIFOLIUS.

Helianthus.

(Sunflower.)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annuals.

PER PKT.

5920 **Helianthus Nanus.** Dwarf double-orange flowers; 4 feet. Per oz. 30 cts. 5
5922 — **Nanus Variegatis.** Bushy, pyramidal-shaped plants; variegated leaves; 4 feet. 5
5921 — **Globosus Fistulosus** (*Globe Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz. 40 cts 5
5923 — **Oscar Wilde.** Beautiful golden yellow, with jet-black centre; single, 4 feet. 5
5924 — **Cucumerifolius.** Small-flowered dwarf single Sunflower. Rich yellow. An abundant bloomer. 5

HUMEA.

A handsome decorative plant, either for pots or gardens, producing drooping pyramids of ruby-red, grass-like florets. It should be grown in light, rich soil; half-hardy biennial; 8 ft.

5957 **Humea Elegans.** 10

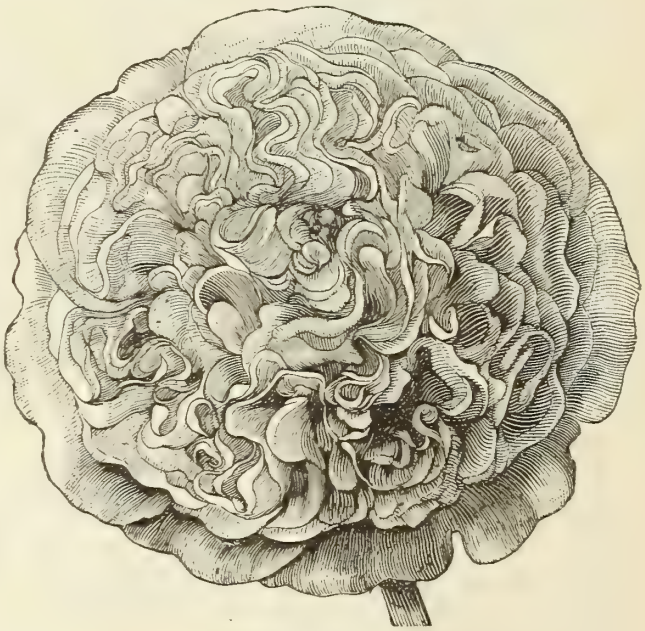
HOLLYHOCK.

Chater's Superb English Hollyhocks.

Few hardy plants combine as many good qualities, or lend themselves as readily to varied uses, as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among the shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved, that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. We make a specialty of Hollyhocks, and the seed we offer is saved from the very best double flowers of pure and bright colors. Seeds sown during the summer make strong blooming plants for the following year.

PER PKT.

5946 **Hollyhock, Double White.** Extra strain of perfectly double pure white flowers. Per oz. $1.00...10
5948 — **Double Yellow.** Comprising the buff, straw color and orange shades. 10
5951 — **Bright Red.** Double. 10
5952 — **Bright Pink.** Double. 10
5950 — **Extra Choice Double, Mixed.** Per oz. $1.00 10
5949 — **Chater's Prize Collection** of 12 varieties, each color separate $1.00



DOUBLE HOLLYHOCK.

HELIOTROPE.

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a green-house climber. Seed sown in the spring will make fine plants for summer blooming.

5940 **Heliotrope, Mixed** 10
5939 — **Collection** of 6 sorts 40

HIBISCUS (*Marsh Mallows*).

Showy, ornamental plants, for mixed beds or shrubbery borders, having large-sized, varied and beautiful colored flowers.

5944 **Hibiscus Africanus.** Large, cream-colored flowers, with a brown centre; hardy annual; 1½ feet..... 5
5945 — **Palustris.** Large pink flowers; hardy perennial; 3 feet. 5
5947 — **New Crimson Eye.** Flowers of the largest size, pure white with a large spot of velvety crimson in the centre of each flower; hardy perennial; flowers the first year from seed sown early 10

HEUCHERA SANGUINEA.

5937 One of the finest of recent introductions amongst hardy perennials, and especially to be recommended for florists, its graceful flower spikes furnishing splendid material for bouquets. It is allied to the Saxifragas, and has a neat bushy habit. The flowers are of a rich bright crimson color; the leaves light green and slightly hairy 25

HONESTY.

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

5953 **Honesty** (*Lunaria Biennis*). 2 feet. 5

HYACINTH BEAN.

A rapid-growing plant, flowering freely in clusters, for covering arbors, trellises, etc. Sow the seed in the garden where desired; tender annual; 10 feet.

5770 **Dolichos Mixed.** Per oz. 15 cts. 5

HUMULUS JAPONICUS.

HUMULUS.

(Japanese Hop.)

PER PKT.

5958 **Humulus Japonicus.** A very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green.....10

5960 **— Japonicus Variegatus.** A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marked with silvery-white, yellowish-white and light and dark green. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in the autumn.....15

IBERIS.

(Hardy Perennial Candytufts.)

5388 **Iberis Sempervirens.** A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc., coming in flower early in the spring; 1 foot.....10

5379 **— Gibraltarica Hybrida.** Very fine species with white flower shading off to lilac. 1 foot.....10

IMPATIENS.

Charming plants for the decoration of the greenhouse or dinner table, producing their bright waxy-looking flowers profusely and almost continuously. The young seedlings should be repotted when about an inch high and very carefully handled, as they are exceedingly brittle at the outset.

IMPATIENS SULTANI.

5984 **Impatiens Sultani.** Flowers of a brilliant rosy-scarlet color.....15

5976 **— — "Queen Carola."** This is a charming variety, with salmon rose-colored flowers.....25

4013 **— — King Albert.** Flowers of an exquisite rosy-crimson shade. Charming and beautiful plant for pot culture.....25

4012 **— — Hybrida.** Remarkably beautiful hybrids of this much admired plant in varying shades of color, from delicate pink to the deepest red.....25

IPOMŒA SANGUINEA.

IPOMŒA.

Tender annuals of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable; 15 feet.

PER PKT.

5961 **Ipomœa Coccinea.** Small scarlet flowers in profusion; also known as the "*Star Ipomœa.*"..... 5

5963 **— Bona Nox** (*Evening Glory*). Violet, large, fragrant flowers, expanding in the evening..... 5

5967 **— Grandiflora** (*Hybrid Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface. Per oz. 75 cts.....10

5966 **— Huberi.** New Japanese hybrids; some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors. Per oz. 40 cts.....10

5962 **— Setosa** (*New Brazilian Morning Glory*). Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July to frost...10

5968 **— (Mina) Sanguinea.** A beautiful and rapid-growing climber; much finer than the Mina lobata and certain to flower, producing innumerable brilliant blood-red flowers; decidedly one of the best climbers recently introduced.....10

5970 **— Mixed.** All colors. Per oz. 30 cts..... 5

IRIS (Fleur-de-Lis).

Hardy perennial, tuberous-rooted, early spring blooming garden plants, growing about 2 feet high, with large ornamental flowers of the richest colors.

5982 **Iris, Mixed**.....10

KALANCHOE.

5983 **Kalanchoe Carnea.** This beautiful decorative plant commences to flower at Christmas and continues in bloom throughout January and February. Its bright and pleasing color is very attractive during the dull winter months. The flowers are wax-like, last a long time in perfection, are of a beautiful delicate pink color, and, in addition, are deliciously fragrant.....25

KAULFUSSIA.

Desirable compact dwarf free-flowering plants, resembling single Asters; hardy annual; 6 inches.

5986 **Kaulfussia, Mixed.** Blue, crimson, rose, etc... 5

KENILWORTH IVY.

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

PER PKT.

6015 **Linaria Cymbalaria.** Lavender and purple...10

LAPAGERIA ROSEA.

5991 A fine herbaceous climber, with large elegant tubular bright rose flowers.....25

Stock Flowered.

Candelabra Flowered.

LARKSPUR.

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annuals.

5710 **Larkspur, Dwarf German Rocket.** Finest double mixed; 1 foot. Per oz. 30 cts..... 5

5713 — **Double Dwarf Candelabra Flowered.** Shaped like a candelabra; mixed colors; 1 foot.....10

5711 — **Double Stock Flowered.** A tall-branching variety, with beautiful long spikes of flowers; 2 feet... 5

5716 — **Imperiale Flore Pleno** (*Emperor Larkspur*). Of symmetrical bushy habit, with a profusion of brilliant dark-blue, red-striped and tri-color flowers. 5

5709 **Collection** of Dwarf Rocket Larkspur; 10 varieties.....40

5719 **Collection** of Stock Flowered Larkspur; 8 varieties.....40

LANTANA.

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 5 feet.

5990 **Lantana, Mixed**.....10

LAVENDER.

6013 Well-known sweet-scented hardy perennial; should be extensively grown in the mixed border; 3 feet..... 5

Leptosyne Maritima.

Linum Coccineum.

Everlasting Pea.

LATHYRUS.

(Everlasting Pea.)

Showy, free-flowering plants, for covering old stumps, fences, etc.; hardy perennials; 5 feet.

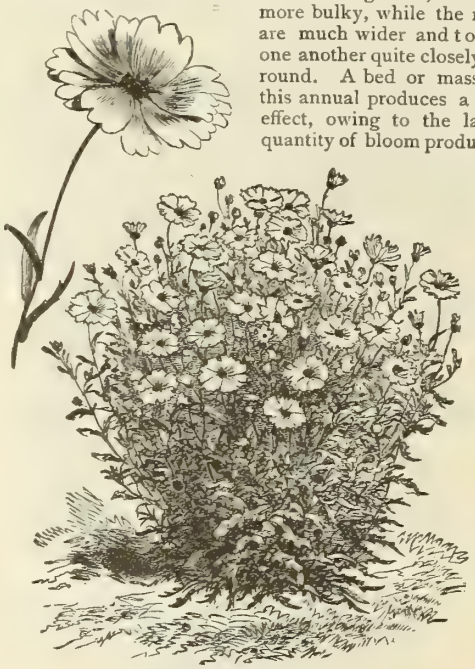
PER PKT.

6010 **Lathyrus Latifolius, Mixed.** Flowers purple and white. Per oz. 60 cts..... 5

6008 — **Latifolius Alba.** Pure white, very desirable..10

LAVIA.

5992 **Lavia Elegans.** A pretty and attractive little hardy annual that ought to be more generally grown, if only for cut-flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced 5



Lavia Elegans.

LEPTOSYNE.

Showy profuse-blooming annual, bearing large yellow flowers resembling a Single Dahlia. It thrives in any good soil, and is a very desirable plant.

6011 **Leptosyne Maritima.** Large golden yellow...10

LINUM.

One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems.

6017 **Linum Coccineum.** Brilliant scarlet crimson; hardy annual; 1 foot..... 5

6018 — **Flavum.** Golden yellow perennial..... 5

Lobelia.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November; half-hardy annuals. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in the autumn.

PER PKT.

Compacta Varieties. 4 to 6 inches.

6023 **Lobelia, Crystal Palace.** Rich deep blue; the finest for bedding.....10
6032 — **Prima-Donna.** Dwarf and compact, with rich velvety crimson maroon flowers.....10
6021 — **White Gem.** Forms a perfect ball of snow-white flowers; very charming appearance.....10
6024 — **Emperor William.** A very compact variety with fine sky-blue flowers.....10
6026 — **Golden Queen.** Golden yellow leaves and brilliant blue flowers. This striking novelty is entirely distinct, and will prove a most valuable variety for bedding or edgings as well as for pot culture.....10
6029 — **Pearl.** Pure white, edged blue, a lovely flower..10
6030 — **Mixed Compacta Varieties**.....10

Lobelia, Golden Queen.

Lobelia, Erinus Varieties.

Trailing varieties suitable for hanging baskets, vases, etc. 6 to 10 inches.

6022 **Lobelia Speciosa.** Ultra-marine blue..... 5
6025 — **Speciosa Alba.** Pure white..... 5
6034 — **Gracilis.** Light blue, spreading..... 5
6033 — **Paxtoniana.** Pure white with blue edge 5
6027 — **Duplex.** Double blue.....10

Lobelia, Perennial Varieties.

6028 **Lobelia Cardinalis** (*Cardinal flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet.....10
6031 — **Cardinalis Hybrids.** Foliage varies from bright green to brown or reddish green. Flowers are large and resemble Cardinalis, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet.....15

LUPINUS.

(Sun Dials.)

Ornamental free-flowering easily grown garden plants, with long, graceful spikes of rich and varied-colored pea-shaped flowers; valuable for mixed flower borders and beds. The seeds should be sown where they are to bloom, as they do not transplant well.

6037 **Lupinus, Mixed Annual.** All colors of annual varieties; 2 feet. Per oz. 25 cts.....5
6038 — **Mixed Perennial.** All colors of hardy perennial varieties; 3 feet..... 5

Lophospermum Scandens.

Lychnis.

LOPHOSPERMUM.

Highly ornamental and effective for the garden or conservatory, with showy, fox-glove-like flowers; requires a light, rich soil; half-hardy annual; 10 feet.

PER PKT.

6035 **Lophospermum Scandens.** Rosy purple....10

LYCHNIS.

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.

6042 **Lychnis Chalcedonica Coccinea.** Fine scarlet flowers; 2 feet..... 5
6040 — **Haageana, Mixed.** Brilliant orange scarlet, crimson, etc.; 1 foot.....10
6050 — **Mixed.** All colors and varieties. Per oz. $1.00. 5

Marigold.

A well-known free-flowering plant, of easy culture, with rich and beautiful double various-colored flowers. The African is best for large beds; the French for small beds or as a fore-ground for taller plants; half-hardy annuals. See also Calendula and Tagetes.

Large African Marigold.

6057 **Gold Striped.** Deep brownish red, striped golden yellow.....10
6058 **El Dorado.** Flowers very large, imbricated and extremely double. Colors in all shades of yellow.....10
6062 **Gold Nugget.** Dwarf dense growth and immense double flowers, which are of a peculiar shade of golden yellow..... 10
6060 **Large African.** Tall, double, orange, brown and yellow, mixed; 2 feet. Per oz. 40 cts..... 5
6070 **Dwarf French.** Fine colors, mixed; very double; 1 foot. Per oz. 50 cts..... 5
6059 **Collection** of Double French Marigolds, 6 varieties.....25

MATRICARIA.

Free-flowering hardy plants, succeeding in any garden-soil; a fine bedding plant or for pot-culture; blooms until frost; hardy annual; 18 inches.

PER PKT.

5833 **Matricaria Crispa** (*Double White Feverfew*). Handsome double white flowers and densely curled foliage 10

DOUBLE WHITE FEVERFEW.

MAURANDIA.

Beautiful, rapid, slender growing plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet.

PER PKT.

6085 **Maurandia Albiflora.** Pure white.....10
6086 — **Barclayana.** Purple10
6087 — **Rosea.** Dark rose..10
6090 — **Mixed.** All colors.. 5

MARVEL OF PERU.

MARVEL OF PERU.

The well-known "Four O'Clocks." A handsome, free-flowering garden favorite; half-hardy perennial; blooming the first season from seed.

6080 **Marvel of Peru Mixed.** Beautiful colors; 2 feet. Per oz. 15 cts.... 5

MARTYNIA.

The seed pods are used for pickling, when gathered young and tender. The flowers are borne freely, and the peculiar shape of the pods makes it an attractive plant for the flower garden.

6076 **Martynia Fragrans.** Light blue. Oz. 30 cts... 5

MAURANDIA.

MIGNONETTE.

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce large spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals; hardy annuals.

6100 **Mignonette Sweet-Scented** (*Odorata*). The old variety with small spikes. Per oz. 15 cts..... 5
6101 — **Large-Flowering Pyramidal.** Flowers large, of a reddish tint. Per oz. 30 cts.... 5
6098 — **Gabrielle.** A very pretty sort, bearing large spikes of red flowers 5
6106 **Mignonette, Golden Queen.** Golden yellow flowers of dense pyramidal growth. Per oz. 50 cts... 5
6102 — **Parson's White.** Large spikes, pure white and very fragrant. Per oz. 50 cts..... 5
6105 — **Miles' Hybrid Spiral.** Of dwarf branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes. Per oz. 50 cts.. 5
6103 — **Dwarf Compact.** A dwarf robust variety, 10 inches high and 18 inches in diameter, covered with large spikes of reddish-tinted flowers.....10
6108 — **"Machet."** Well adapted for pot-culture; dwarf pyramidal growth bearing numerous flower stalks; one of the best. Per oz. 75 cts.....10
6099 — **Red Victoria.** A distinct variety of dwarf branching habit, with large trusses of deep red flowers.....10
6110 — **Improved Victoria.** A charming new compact growing variety of dense pyramidal habit, growing about six inches high. The flowers are large and of a more brilliant red than in the old Victoria Mignonette. A most useful and desirable variety for pot culture, as well as for the garden.....10
6109 **Collection** of 10 varieties Mignonette.....50

MACHET MIGNONETTE.

MIMULUS.

(Monkey Flower.)

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur, and yellow grounds, spotted with crimson, scarlet and pink, fine for greenhouse, or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early; 1 foot.

6111 **Mimulus.** Fine mixed spotted varieties. 5
6113 — **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage..... 5

MUSA.

(Abyssinian Banana.)

A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse.

6131 **Musa Ensete** (*Abyssinian Banana*). Tender perennial, 10 to 20 feet.....25

MESEMBRYANTHEMUM.

Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy, or sandy soil, requiring a warm, sunny situation; half-hardy annuals; 6 inches.

PER PKT.

6092 **Mesembryanthemum Crystallinum** (*Ice Plant*). Flowers white; prized for its singular icy foliage. Per oz. 50 cts. 5
6093 — **Tricolor** (*Wax Plant*). Various colors..... 5
6094 — **Cordifolium Variegatum.** A half-hardy perennial trailing variety, with handsome variegated foliage, and bright rosy-colored flowers 10

Mina Lobata.

MINA LOBATA.

6115 Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February..... 10

MYOSOTIS.

(Forget-me-not.)

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.

6121 **Myosotis Alpestris Cœrulea.** Bright blue; 6 inches..... 5
6122 — **Alpestris Alba.** Pure white; 6 inches..... 5
6127 — **Eliza Fanrobert.** New, large flowering, bright blue; remarkably fine and distinct..... 5
6128 — **Alpestris Victoria.** Of bushy habit, bearing large bright azure-blue flowers; very fine..... 10
6130 — **Nana Aurea.** Of dwarf habit, foliage golden yellow, which contrasts prettily with its rich blue flowers. 10
6125 — **Dissitiflora.** Compact habit, profuse bloomer; exquisite blue; an attractive bedding plant; 6 inches. 10
6123 — **Palustris.** The true Forget-me-not; beautiful blue flowers; 6 inches..... 10
6126 — **Palustris Semperflorens.** A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches..... 10

MYRSIPHYLLUM.

(See Smilax.)

NICOTIANA.

6192 **Nicotiana Affinis.** Delightfully sweet-scented, pure white tubular flowers, blooming continually. Annual; 2 to 3 feet..... 10
6193 — **Colossea.** New giant, immense foliage..... 15

Nemophila Insignis.

NEMOPHILA.

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals.

PER PKT.

6180 **Nemophila Insignis.** Beautiful light blue, mixed varieties. Per oz. 25 cts..... 5

NIEREMBERGIA.

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

6195 **Nierembergia Frutescens.** White, tinted with lilac..... 10

NIGELLA.

(Love in a Mist, or Devil in the Bush.)

A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot.

6200 **Nigella Damascena.** Blue and white mixed... 5

Nicotiana Affinis.

OXALIS.

Beautiful small plants, suitable for the greenhouse, rockwork, or out-door culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

6206 **Oxalis Alba.** Pure white..... 10
6207 — **Rosea.** Rose-colored..... 10
6208 — **Tropæoloides.** Very desirable border plant, flowers deep yellow, foliage dark green..... 10
6209 — **Valdiviana.** Pure yellow..... 10

NASTURTIUM.

Dwarf Varieties.

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. Hardy annuals; 1 ft.

		PER OZ.	PKT.
6144	**Aurora.** Primrose to pale pink and carmine	25	5
6136	**Beauty.** Yellow, striped red	25	5
6154	**Cloth of Gold.** Scarlet flowers and yellow foliage	25	5
6146	**Crystal Palace Gem.** Sulphur, maroon spot	25	5
6153	**Empress of India.** Dark-leaved with crimson flower	25	5
6142	**Golden King.** Brilliant yellow	25	5
6147	**King of Tom Thumbs.** Scarlet, dark foliage	25	5
6152	**King Theodore.** Dark maroon, bluish green foliage	25	5
6155	**Lady Bird.** Orange yellow, red spots	25	5
6143	**Pearl.** Creamy white	25	5
6145	**Rose.** Soft-rose, very distinct	25	5
6151	**Ruby King.** Crimson rose, distinct foliage	25	5
6150	**Dwarf Mixed.** ¼ lb. 40 cts.	15	5

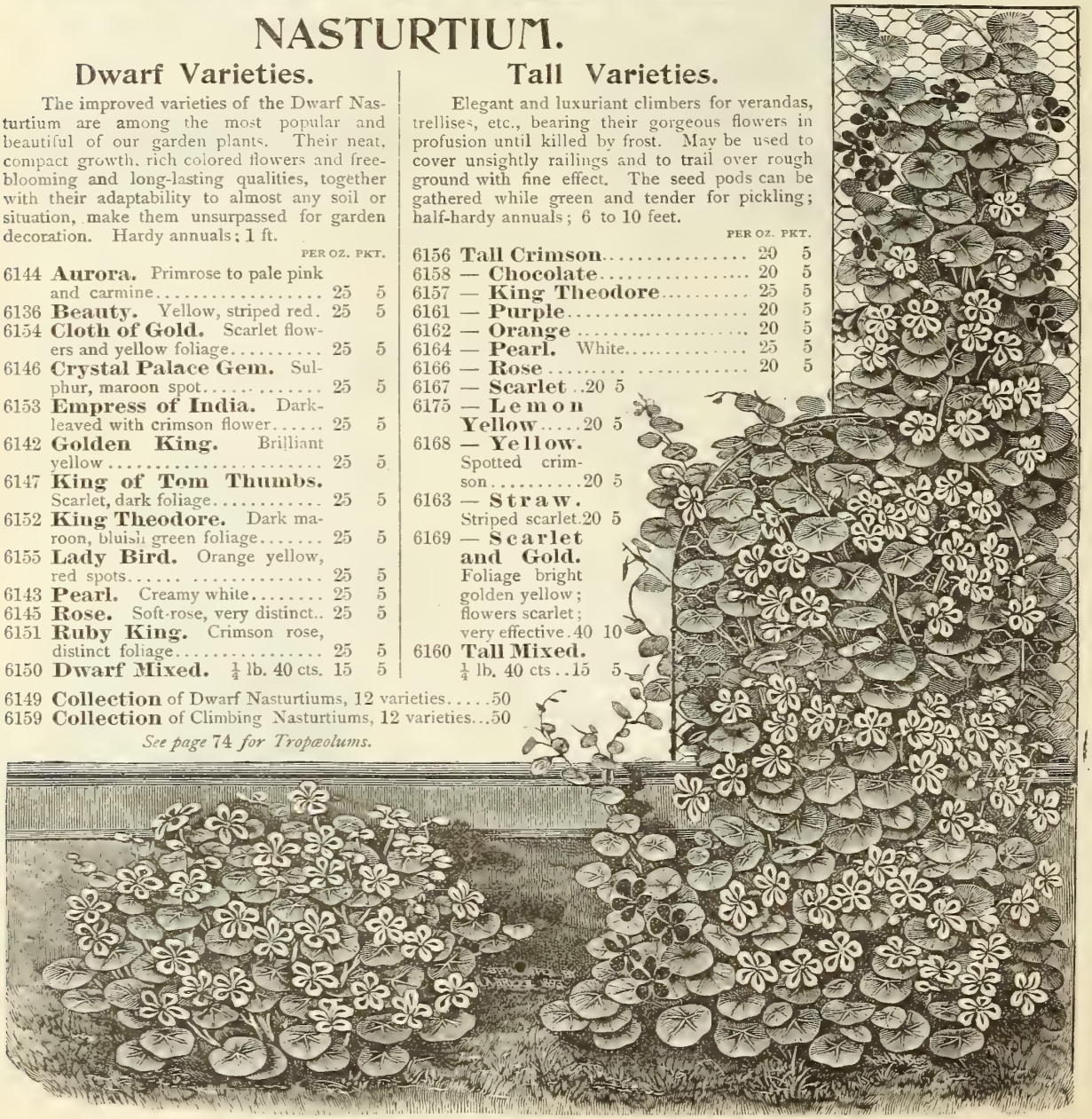
Tall Varieties.

Elegant and luxuriant climbers for verandas, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling; half-hardy annuals; 6 to 10 feet.

		PER OZ.	PKT.
6156	**Tall Crimson**	20	5
6158	— **Chocolate**	20	5
6157	— **King Theodore**	25	5
6161	— **Purple**	20	5
6162	— **Orange**	20	5
6164	— **Pearl.** White	25	5
6166	— **Rose**	20	5
6167	— **Scarlet**	20	5
6175	— **Lemon Yellow**	20	5
6168	— **Yellow.** Spotted crimson	20	5
6163	— **Straw.** Striped scarlet	20	5
6169	— **Scarlet and Gold.** Foliage bright golden yellow; flowers scarlet; very effective	40	10
6160	**Tall Mixed.** ¼ lb. 40 cts	15	5

6149 **Collection** of Dwarf Nasturtiums, 12 varieties.....50
6159 **Collection** of Climbing Nasturtiums, 12 varieties...50

See page 74 for Tropæolums.



PANSIES.

This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border. Pansies require fresh soil, enriched with decomposed manure.

PER PKT.

6238 **Dreer's Royal Exhibition.** This strain comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. It is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. $\frac{1}{2}$ oz. $1.00 50

6220 **Dreer's Premium.** Seed saved from first-class flowers only; beautiful colors mixed. $\frac{1}{8}$ oz. 75 cts. 25

6222 **Odier** (*Five-blotched*). A beautiful strain of various colored large, handsome, perfectly formed flowers. $\frac{1}{8}$ oz. $1.00 25

6217 **French Large Stained.** Very beautifully marked varieties in finest mixture, from a celebrated French grower 25

6216 **Bugnot's Superb Blotched.** A beautiful new class with extra large flowers in great diversity of colors. 50

6218 **Peacock.** A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower are of a deep claret, with white margins 25

6219 **Giant Prize Trimardeau.** Large flowering varieties in finest mixture 15

6244 **Giant Prize, Striped** 25

6255 — — **Black** 25

6256 — — **Yellow** 25

PER PKT.

6257 **Giant Prize, White** 25

6242 **Belgian Striped.** A lovely class bearing beautiful flowers of various shades and stripes 10

6221 **Emperor William.** Large handsome flowers borne in great profusion well above the foliage, brilliant ultramarine blue, with a purple violet eye 10

6231 **Lord Beaconsfield.** A splendid sort; flowers deep purple violet, shading to white on the upper petals. 10

6229 **Victoria.** A very effective variety, with rich velvet-like petals of a bright claret color, the nearest approach to a scarlet in Pansies 25

6223 **Faust** (*King of the Blacks*). Almost black, the darkest pansy known 10

6228 **Snow Queen** (*Candidissima*). Very large, satiny white, light yellow centre 10

6233 **Gold Margined.** All colors 10

6236 **Havana Brown** 10

6232 **Mahogany Colored** 10

6225 **Light Blue** 10

6224 **Purple.** Rich purple, white edged 10

6227 **White** 10

6226 **Golden Yellow** 10

6241 **Yellow Gem.** Pure yellow, without eye 10

6243 **Bronze Colored** 10

6230 **English Finest Mixed.** Per oz. $3.00 10

6240 **Good Mixed.** All colors. Per oz. $1.50 5

6239 **Collection** of Pansies, 12 choice varieties $1.00

Dreer's Royal Exhibition Pansies are in bloom with me now, and every one remarks, "Where did those beautiful Pansies come from?" I tell them Dreer's Seed.
A. H. DARLING, North Adams, Mass.

FERTILIZING PETUNIAS AT OUR NURSERIES AT RIVERTON, AUGUST, 1893.—(From a Photograph.)

We have long been celebrated for our magnificent strains of double and single Petunias, which we endeavor to improve from year to year by careful hybridization and selection.

PETUNIA.

For out-door decoration or house culture few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single-striped, mottled and double varieties have been greatly improved. The strains we offer of our own growing, we can safely say without contradiction, are the best that can be procured either in this country or in Europe.

PER PKT.

6284 **Dreer's Double Large Flowering.** Beautiful varieties in finest mixture.....25

6280 **Dreer's Double Large Flowering Fringed.** Saved from our own unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints.....50

6290 **Dreer's Single Large Flowering Fringed.** A choice selection; the flowers are of very large size and beautiful shape, deep throated, and of varied and brilliant colors, many being beautifully fringed.....25

6285 **Giants of California.** Flowers very large, in great variety of colors and markings, with broad deep yellow throats, veined 25

6287 **New Double Violet.** A beautiful new double Petunia from Germany, with very large deep violet colored flowers. This is a novel and distinct variety, and will prove an acquisition 35

6275 **Dwarf Inimitable.** Star Petunia, beautiful compact growing variety, flowers cherry-red with a white centre.....10

6274 **Pure White, Single.** Desirable for cemetery beds, or where large masses of white are wanted.....10

6300 **Striped and Blotched, Mixed.** All colors. Per oz. $1.00.....10

6310 **Fine Mixed.** Oz. 75 cts..... 5

6299 **Collection of Petunia, Large-flowering Single,** 12 varieties.....$1.00

6309 **Collection of Petunia, Double Fringed,** 12 varieties.....$1.25

It is well known that the double Petunia grown from seed produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers.

PASSIFLORA.

(Passion Flower.)

Indispensable climbing plants, for the garden or greenhouse, bearing a profusion of attractive flowers.

PER PKT.

6250 **Passiflora Mixed.** Choice varieties..... 20

6248 — **Insignis** (*Tacsonia*). Remarkable for its magnificent flowers, which measure from 6 to 8 inches across; color crimson purple; filaments blue mottled with white..... 25

PARDANTHUS.

(Blackberry Lily.)

A hardy perennial, bearing showy lily-like flowers.

6254 **Yellow, Red and Orange Spotted**.....10

PENTSTEMON.

One of our most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early in March, and planted out in May; half-hardy perennials; 2 feet.

6260 **Pentstemon, Mixed.** Crimson, purple, etc... 10

PENTSTEMON.

Your seed of double Petunia has proved to be the best I ever had and with the largest percentage of double flowers.
M. R. CUSHING, Cohasset, Mass., Jan. 25, 1893.

PHLOX DRUMMONDI GRANDIFLORA.

Phlox Drummondi.

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration in bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1½ ft.

PER PKT.

6330 **Mixed Colors.** Per oz. 50 cts. 05

Large Flowering Varieties.

6331 **Pure White** 10
6332 **Brilliant Scarlet** 10
6333 **Blood Red** 10
6334 **Rosy Carmine** 10
6336 **Crimson, Striped** 10
6337 **Crimson White Eye** 10
6338 **Yellow** 10
6340 **Mixed Large Flowering.** Per oz 75 cts. 10
6349 **Collection** of 12 choice varieties, separate 75

Dwarf or Nana Compacta Phlox.

This new strain is of a dwarf, compact habit, and makes desirable pot plants, also for ribbon lines and massing; 10 inches in height.

6343 **Dwarf Scarlet** (*Fireball*) 10
6345 — **White** (*Snowball*) 10
6346 — **Fair Maid.** Delicate fleshy pink, shading to a rich crimson in the centre 10
6347 — **Rose** 10
6350 — **Mixed.** Per oz. $4.00 10
6359 **Collection** of 6 choice dwarf varieties 50
6351 **Star-shaped Phlox** (*Star of Quedlinburgh*). Of dwarf habit, with very pretty star-shaped flowers. A novel and beautiful variety; mixed colors 10
6354 **Double White Phlox Drummondi.** A profuse bloomer, and of great value for bouquets, as it blooms at a season when white flowers are especially desirable. About 60 per cent. of the seed sown will produce double flowers 10
6353 **Double Scarlet Phlox Drummondi.** More compact than the single-flowered, while the trusses and the individual flowers are equal in size to those of the dwarf varieties 10
6341 **Double Yellow Phlox Drummondi.** Of late years several semi-double varieties of the Phlox Drummondi have been introduced. The variety now offered has pale yellow flowers, very pretty, with a slight perfume. To produce the best double flowers, Phloxes should be grown in a light soil. 10
6355 **Phlox Decussata.** Hardy herbaceous perennials; all colors, mixed 10

PERILLA.

The foliage of this plant is exceedingly elegant, of a very dark purple color, and produces a charming contrast with silvery-leaved plants; growing freely in any soil; half-hardy annual; 1½ feet.

PER PKT.

6265 **Perilla Nankinensis** 5

PHACELIA.

6317 **Phacelia Campanularia.** A very attractive hardy annual of spreading habit, covering about a foot of ground. Large, rich, deep blue funnel-shaped flowers 10

PHYSIANTHUS.

(Cruel Plant.)

A rapid-growing climber, bearing bell-shaped flowers which are covered with a gummy substance. Butterflies and other insects which alight thereon are unable to free themselves.

6358 **Physianthus Albens.** Pure white 10

PLATYCODON.

(Wahlenbergia.)

Hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

6360 **Platycodon, Mixed.** Blue and white 10
6361 — **Mariesi.** Large, open, bell-shaped flowers of a rich violet blue, beautiful 10

POLYANTHUS.

(Primula Elatior.)

Showy, early spring, free-flowering plants, fine for either pot or out-door culture; hardy perennials; 9 inches.

6362 **Polyanthus, English.** The best single, all colors mixed 10
6363 — **Duplex.** Double hose-in-hose, beautiful colors mixed 25
6364 — **Gold Laced.** Very showy and attractive 20

DOUBLE PORTULACA.

Portulaca.

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriating in an exposed, sunny situation; the flowers are of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings, or rock-work; 6 inches.

6400 **Single Mixed Colors.** Per oz. 40 cts. 5
6410 **Double Mixed.** Flowers perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. 10
6409 **Imported Collection** of 8 double varieties 75

POPPIES.

A great advance has been made in recent years in the development of the Poppy, which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period.

DOUBLE ANNUAL POPPIES.

PER PKT.

6378 **Poppy American Flag.** Beautiful new variety; flowers very large and double, snow white, bordered with scarlet. (See cut.) 10

6386 — **Fairy Blush.** Very double flowers of a pure white color, elegantly fringed and tipped with rose 10

6387 — **White Swan.** A splendid new variety with immense double flowers, beautifully fringed and of purest white.....10

6382 — **"Mikado"** (*The Striped Japanese Poppy*). This beautiful Poppy is very distinct in character and color from other forms. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum, the fringed edges being of a beautiful crimson scarlet.....10

6371 — **Carnation Flowered.** Splendid double fringed flowers, mixed colors. Per oz. 25 cts... 5

6370 — **Pæony Flowered.** Large, showy, double globular flowers; well adapted for shrubbery, etc. Mixed colors. Per oz. 20 cts..... 5

6393 — **Golden Gate.** Comprising an infinite variety of single, semi-double and double flowers in the greatest variety of colors.....10

"American Flag" Poppy.

SINGLE ANNUAL POPPIES.

6372 **Poppy Danebrog.** A very desirable and showy variety, producing large single flowers of a brilliant scarlet, with a large silvery-white spot on each petal, thus forming a white cross 5

6384 — **Shirley.** These charming Poppies are generally single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. The blooms, if cut when young, will stand for several days without drooping 5

6374 — **Umbrosum.** A fine variety, producing flowers of the richest vermilion, with a deep shining black spot on each petal..... 5

6373 — **English Scarlet.** The common field Poppy of Great Britain; dazzling scarlet flowers..... 5

6375 — **Peacock.** With a conspicuous glossy black zone near the centre. Very large vivid scarlet and cherry crimson flowers.....10

6394 — **Flag of Truce.** Satiny, white flowers, 3 to 4 inches across..... 5

Shirley Poppy.

SINGLE POPPIES—*Continued.*

PER PKT.

6391 **Poppy Tulip** (*Papaver glaucum*). A magnificent species from Armenia. The plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet 10

6376 — **Fire Dragon.** Very showy and free flowering, producing flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ ft..10

6388 — **The Bride.** A beautiful new variety with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time.10

6380 — **Single Mixed.** Annual sorts. Oz. 20 cts. 5

6389 — **Imported Collection** of 12 separate varieties.....50

HARDY PERENNIAL POPPIES.

6385 **Poppy Bracteatum.** Very large orange scarlet flowers, averaging five inches in diameter..10

6379 — **Nudicaule** (*The Iceland Poppy*). This is one of the most useful, effective and beautiful class of plants in cultivation. They are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright-green, fernlike foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers 10

6381 — **Double Scarlet Iceland** (*Nudicaule coccinea fl. pl.*). A double-flowering form of the beautiful Iceland Poppy, producing from 40 to 50 per cent. of perfectly double bright orange-scarlet flowers. The different varieties of this lovely Poppy are amongst the most attractive of early flowering perennials, and have become very popular in all countries in the past few years.....10

6390 — **Orientale** (*The Large Oriental Poppy*). A charmingly showy summer-flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. This is one of the most showy and useful of this interesting and popular family.....10

CULTURE.—Seeds of Poppies should be sown where the plants are intended to be grown, as they will not bear transplanting. Sow in lines or groups and thin out to about a foot apart. Sown in large clumps they present from a distance a glowing mass of color.

PRIMULA.

Fringed Chinese Primrose.

This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important of winter blooming pot plants. The seed we offer is of the highest merit and has as usual been saved from the best strains of English and continental growth.

PER PKT

6425 **Alba Magnifica.** The finest pure white, with bright yellow eye, beautifully fringed.....50

6422 **Kermesina Splendens.** Crimson, yellow eye.....50

6421 **Punctata Elegantissima.** Crimson, spotted white....50

6424 **Carter's Holborn Blue.** This variety requires more heat for its successful culture than the other varieties. Any check to its growth should be carefully avoided 50

6427 **Williams' Superb, Mixed.** This strain of English Primula is universally admired, and contains the finest varieties and colors.50

6440 **Fern-Leaved, Finest Mixed**.....50

6417 **Single White Fringed**.....25

6418 **Single Red Fringed**.25

6430 **—Finest Mixed Fringed**.....25

6429 **Collection** of Chinese Primrose, 12 fringed varieties.....$1.25

6439 **Collection** of Chinese Primrose, 6 fringed varieties.....75

DOUBLE CHINESE PRIMROSE.

The following double-fringed Chinese Primroses are very fine and can be highly recommended.

6428 **Double White**.....50

Primula Cortusoides Amœna.

PER PKT.

6450 **Double Mixed**.....50

6449 **Collection** of Double Chinese Primrose, 6 varieties.....$1 25

Chinese Primula.

HARDY PRIMROSES.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

6433 **Primula Cortusoides Amœna.** A charming variety bearing dark crimson flowers with distinct white eye.....10

6435 **Primrose, Dean's Hardy Hybrids.** These very beautiful hardy plants are similar in growth to the common yellow Primrose, but produce myriads of flowers in the richest shades of color.....25

6434 **Primula Floribunda.** This is one of the prettiest and best of the Primroses, and is of the same general character and type as P. Obconica, differing only in color of the flower, which is a lovely shade of primrose yellow. Very fragrant and free blooming; will thrive under window cultivation.....25

Primula Obconica.

6432 **Primula Japonica** (*Japanese Primrose*). Bright and showy flowers, borne in whorls on stems 6 to 9 inches long; mixed colors.10

6423 **— Obconica.** A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. It is in all respects a lovely flower, in bloom continuously.....15

6415 **— Veris** (*English Cowslip*). Flowers of different colors, yellow, brown, and yellow edged, etc.; very fragrant; 6 inches.....5

6431 **— Vulgaris.** The common yellow English Primrose; flowers fragrant and of a light canary-yellow color.....10

Allow me to state that from the Primula seed we had from you last spring I have plants that measure 22 inches across and a mound of bloom in splendid colors.
JAS. HEPBURN, Canajoharie, N. Y., Feb. 26, 1893.

A year ago I sent to you for a packet of your Primula seed, the English Mixed. From one packet of seed I raised 38 good, strong plants, and for the past three months they have been gorgeous with blossoms of the most beautiful colors and varieties I ever saw. They have been admired by all who have seen them.
MRS. A. B. WALDRON, Troy, Pa., Feb. 22, 1893.

We have in our greenhouses in bloom now your choice Primulas grown from seed that came from you last fall. They are the finest we have ever had; the size of the flower and variety of colors I don't think can be improved on. H. H. COX & SON, Maysville, Ky.

Double Pyrethrum.

Pyrethrum.

Handsome herbaceous plants of easy culture. P. Aureum is the well-known Golden Feather so much used for carpet bedding, edging, etc. From the flowers of P. Roseum is obtained Persian Insect Powder or Buhach of California. P. Tchihatchewi is valuable for obtaining verdure on poor soils, forming a mosslike turf, even under trees. P. Hybridum and varieties are amongst the handsomest of hardy flowering herbaceous plants.

PER PKT.

6453 **Pyrethrum Aureum** (*Golden Feather*). Bright yellow foliage. Oz. 75 cts..... 5

6454 — **Aureum Laciniatum.** An improved Golden Feather. Foliage finely fringed.....10

6457 — **Roseum** (*Persian Insect Powder Plant*). Flowers bright rose. 1½ feet.....10

6459 — **Tchihatchewi.** Valuable for obtaining verdure on poor soils. Oz. 75 cts..... 5

6458 — **Hybridum.** Large Flowering Single Mixed. Hardy perennial bearing large Aster-shaped flowers ranging in color from light pink to deep red, with bright yellow centres. 2 feet.....10

6456 — **Hybridum fl. pl.** Large Flowering Double Mixed. Beautiful colors, mixed. 1½ feet 25

RICINUS.

(Castor Oil Bean.)

Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for beds; half hardy annuals.

6471 **Ricinus Borboniensis.** Very large and beautiful foliage; 15 feet..... 5

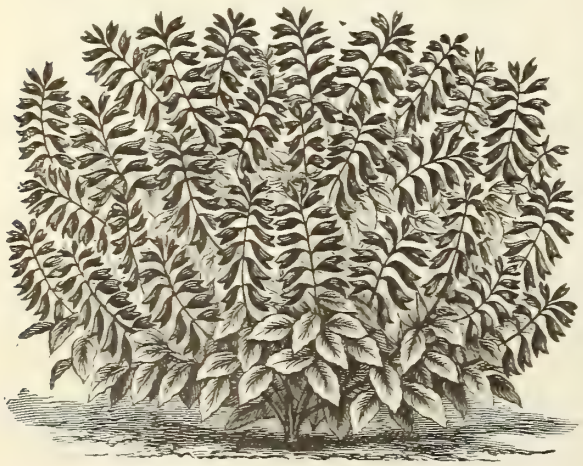
6472 — **Gibsoni.** Dwarf branching habit, deep red foliage; 5 feet..... 5

6476 — **Cambodgensis.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effect may be obtained when planted in groups..... 10

6474 — **Philippiensis.** A variety from the Philippines, with beautiful gigantic foliage; 10 feet..... 5

6473 — **Sanguineus.** Blood-red stalks and clusters of red fruit; 8 feet..... 5

6480 — **Mixed Varieties.** Per oz. 20 cts..... 5



New Dwarf Salvia, Clara Bedman.

Ricinus Cambodgensis.

RHODOCHITON.

A charming greenhouse climber, producing abundantly on long, graceful stems flowers of a rich claret red color. It will flower the first year from seed, and may be planted in the garden when the weather becomes warm.

PER PKT.

6462 **Rhodochiton Volubile.** 10 feet.....25

RUDBECKIA.

(Texas Cone Flower.)

Very showy robust growing plants of the easiest culture, bearing large flowers, and continuing in bloom a long time, one of the finest of autumn flowering plants.

6482 **Rudbeckia Newmani.** Bright yellow petals surrounding a large black cone; a showy flower; hardy perennial..... 10

ROSE.

6366 **Dwarf Polyantha or Fairy.** It has been demonstrated that these very popular and beautiful miniature Roses may be easily raised from seed to produce plants that will bloom freely the first summer, if sown early in hot beds or in boxes in the house and afterwards transplanted; thus adding a new interest and pleasure to the cultivation of these charming plants. They are of dwarf, compact growth, free blooming and ever-blooming. They are entirely hardy, and most desirable for summer bedding or for pot culture in winter.....15

SALVIA.

(Flowering Sage.)

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; 3 feet.

6493 **Salvia Splendens** (*Scarlet Sage*). Beautiful bright scarlet. ¼ oz. 50 cts..... 5

6501 — **Splendens Grandiflora.** An improved large-flowering variety, with brilliant scarlet flowers...10

6502 — **Coccinea.** Scarlet, very free-flowering.....10

6499 — — **Lactea.** New, milk-white.....10

6494 — **Patens.** Superb deep blue.....15

6496 — **Argentea.** Beautifully ornamental silvery foliage plant, with spikes of white flowers.....10

6495 — **Clara Bedman.** This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of miniature flowers of a brilliant scarlet color stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation.....10

STEVIA SERRATA.

SCHIZANTHUS, OR BUTTERFLY FLOWER.

SCABIOSA, DOUBLE MIXED.

SABBATTIA.

A charming plant for border or greenhouse. It bears very attractive flowers, which remain perfect for several days when cut and emit a delicate fragrance.

PER PKT.

6483 **Sabbattia Campestris.** Bright rose pink. Annual 20

SALPIGLOSSIS.

Free blooming plants, with curiously and beautifully pencilled and marbled funnel-shaped flowers; of easy culture, requiring a light, rich soil; half-hardy annual; 1½ feet.

6485 **Salpiglossis.** All colors, mixed 5

SANVITALIA.

A valuable dwarf bedding-plant; fine for rockeries, etc.; flowers during summer and autumn months, thriving best in a light, rich soil; hardy annual; 6 inches.

6492 **Sanvitalia Procumbens.** Double golden yellow 5

SCHIZANTHUS.

(Butterfly Flower.)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; half-hardy annual.

6525 **Schizanthus.** Mixed 5

SCABIOSA.

(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.

PER PKT.

6510 **Scabiosa Tall Mixed.** Double, all colors; 2 feet. Oz. 40 cts 5

6520 — **Dwarf Mixed.** Double, all colors; 1 foot 5

6505 — **Double White** (*Snowball*). 2 feet 5

6508 — **Double Yellow.** A new color which has been perfected after many years' careful selection. The plants are dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow 10

6506 — **Caucasia.** One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet 10

6507 **Collection** of six varieties 25

SENSITIVE PLANT.

(Mimosa.)

Curious and interesting plants, with pinkish white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand; tender annual.

6555 **Mimosa Pudica.** 1½ feet. Oz. 50 cts 5

SEDUM.

(Stonecrop.)

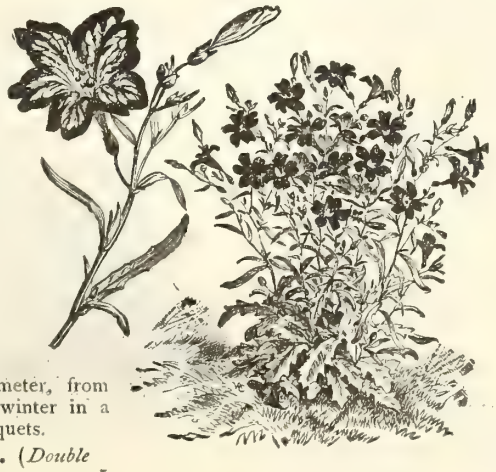
A pretty and useful little plant, growing freely on rock or rustic work, hanging-baskets, etc.; during the summer they expand their brilliant star-shaped flowers in profusion; mixed colors and varieties; hardy perennial; 3 inches.

6540 **Sedum Mixed** 10

SENECIO.

A showy free-flowering hardy annual. It produces in great profusion branching spikes of bright magenta-colored Cineraria-like double flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in a cool greenhouse. Excellent for bouquets.

6550 **Senecio Elegans, fl. pl.** (*Double Jacobæa*) 5



SALPIGLOSSIS, LARGE-FLOWERING.

SMILAX.

(Myrsiphyllum Asparagoides.)

6134 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensable. Soak the seed in warm water twelve hours and plant in pots, in hot-bed or greenhouse, in February, and keep in moist place. Tender perennial climber; white; 10 feet. Oz. 75 cts. 10

STEVIA.

Free-blooming plants, bearing a multitude of fragrant flowers; suitable for summer or winter blooming.

6622 **Stevia Serrata.** Pure white 10

PRINCESS ALICE STOCK.

STOCKS.

The stock is one of the most popular plants, either for bedding, or pot culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. Of delightful fragrance. For early flowering, start the seed in a greenhouse or hot-bed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

PER PKT.

Large Flowering Dwarf Ten Weeks Stock.

6591 **Blood Red**.....10 | 6594 **Purple**.....10
6592 **Crimson**.....10 | 6595 **Pure White**. ...10
6593 **Light Blue**.....10 | 6598 **Bright Pink** ..10

6600 **Mixed.** All choice double large flowering..... 5

6610 **Improved Wallflower Leaved Ten Weeks.** Finest mixed 10

6601 — **Wallflower-Leaved White**.....10

6603 **Snowflake Improved.** A beautiful dwarf growing variety; very large double snow-white flowers. Our seed of this variety is grown by a specialist and will produce a large percentage of double flowers.....15

6606 **Princess Alice** (*Cut and Come Again*). A fine perpetual blooming Stock, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. Its most valuable feature is that it produces perfect flowers during September and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double pure white fragrant blossoms, and is excellent for cutting.....10

6614 **Hardy's All the Year Round.** This beautiful variety produces fine large spikes of double white flowers, from January to December, in the greatest profusion. 75 per cent. come double; 1 foot.....10

6612 **Intermediate, or Autumnal Flowering Stock.** Very beautiful; choice double flowers; mixed; 2 feet..... 10

6611 **Brompton, or Winter Stock.** Half-hardy biennial, bushy plants; producing a beautiful display of double flowers; mixed colors; 2 feet. 10

Imported Collections of Stocks.

6609 **Ten Weeks.** Large Flowering Dwarf, 12 varieties.....75

6619 **Perpetual,** 6 varieties.....50

STEPHANOTIS.

A greenhouse evergreen perennial climber, producing clusters of fragrant flowers in the greatest profusion.

6584 **Stephanotis Floribunda.** White; 20 feet ...50

STREPTOCARPUS.

(New Hybrid Cape Primrose.)

PER PKT.

6623 A beautiful new race of greenhouse perennials of dwarf, neat habit, growing about 9 inches high. Seedling plants produce from 2 to 5 blooms on a stem the first season. As the plant becomes older and stronger the flowers are produced in greater abundance. If seed is sown in January and February, the plants come into bloom the following June and July, and continue flowering freely until October 25

SOLANUM.

This is a very useful pot plant for winter decoration. It is of a dwarf branching habit; leaves small and oval shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental.

6566 **Solanum, Little Gem.** 1 foot.....10

DOUBLE SWEET WILLIAM.

Sweet William.

A well-known attractive free-flowering plant, producing a splendid effect in beds and shrubbery with their rich and varied flowers; hardy perennial; 1½ feet.

6625 **Sweet William Auricula Flowered.** A beautiful class of single varieties, all colors. Oz. 50 cts.10

6640 — **Single Mixed.** Per oz. 40 cts..... ... 5

6630 — **Double Mixed.** Per oz. $1.00..... 10

TAGETES.

A dwarf, globular, compact, bushy plant, with beautiful delicate fern-like leaves, densely covered with flowers.

6654 **Tagetes Signata Pumila.** Bright yellow, striped brown; half-hardy annual; 1 foot 5

THUNBERGIA.

Beautiful rapid-growing climber, thriving in a light, rich, loamy soil, in warm situations in the garden; half-hardy annuals; 4 feet.

6670 **Thunbergia Mixed.** All colors. Per oz. 40 cts. 5

TAGETES SIGNATA, PUMILA.

DREER'S LARGE FLOWERING SWEET PEAS

It is unnecessary to say much about these lovely fragrant flowers, their universal favoritism being well established. The seed should be sown *as early as the ground can be worked* in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.

		PER OZ.	PKT.
5996	**Adonis.** Carmine rose, shaded with white	.20	5
6812	**Apple Blossom.** Bright rosy pink; blush wings	.20	5
6808	**Boreatton.** Dark chestnut, wings bluish purple	20	5
6815	**Butterfly.** White ground edged with light blue	.20	5
6004	**Cardinal.** Bright shining crimson scarlet	20	5
6809	**Captain of the Blues.** Dark blue netted with purple	.25	10
6819	**Countess of Radnor.** Delicate lavender and mauve; lovely variety	.25	10
5998	**Crown Princess of Prussia.** Blush, with salmon tint	.25	10
6820	**Delight.** White wings; standard white-crested crimson; dwarf habit	.25	10
6821	**Duchess of Edinburgh.** Scarlet, shading to rose	.20	5
6825	**Emily Henderson.** New, purest white, one of the best	.50	15
6811	**Isa Eckford.** Creamy white suffused with rosy pink	.20	5
6818	**Lottie Eckford.** Lavender shaded with pink and white	.20	5
6814	**Miss Blanche Ferry** (*Nellie Jaynes*). Beautiful pink and white, very fragrant	.20	5
6817	**Miss Hunt.** Pale carmine, salmon standards, with soft pink wings	.25	10
6816	**Mrs. Gladstone.** Delicate pink with rosy blush wings	.25	10
6823	**Mrs. Sankey** (*Black Seed*). Pure white, large bold flower	.25	10
6003	**Orange Prince.** Bright orange, pink, flushed with scarlet	.20	5
5995	**Princess Beatrice.** Beautiful carmine rose	.25	10
6807	**Princess of Wales.** Shaded and striped mauve, on a white ground	.20	5

		PER OZ.	PKT.
6005	**Painted Lady.** Pink and white	.20	5
6801	**Primrose.** Pale primrose pink, fading to a creamy white	.25	10
6006	**Purple Prince.** Dark purple and blue	.20	5
6822	**Queen of England.** Pure white, large and fine	.20	5
6806	**Queen of the Isles.** Scarlet, mottled with purple and white	20	5
6824	**Senator.** Chocolate, creamy white ground	.25	10
6805	**Splendor.** Rich rose with crimson shading	.20	5
6803	**The Queen.** Rosy pink, shaded light mauve	.20	5
6001	**Vesuvius.** Purple, spotted	.25	10
6000	**Fine Mixed.** As imported. Per pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1 00.		
6810	**Eckford's Large Flowering Mixed.** Including all the newest varieties. Per pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.		
5999	**Imported Collection** of Sweet Peas, 10 varieties, 40 cts.		

The Sweet Peas seed bought of you last year produced flowers that for exquisite beauty, variety and quantity surpassed any we have ever had.
Mrs. W. H. BURGER, South Bend, Ind.

☞ The collection of sixteen beautiful varieties of Sweet Peas illustrated on the last page of cover for $1.00.

TORENIA FOURNIERI

Torenia.

A very fine annual, forming a splendid plant for vases, hanging-baskets, the green-house, or for growing out-of-doors; they are covered until late in the season with one mass of bloom.

PER PKT.

6681 **Torenia Fournieri.** Large, sky-blue flowers, with three spots of dark blue, and a bright yellow centre.....10

6683 **— Bailloni.** A valuable species, distinguished for the size and charming color of its flowers, which are bright golden yellow with a brownish-red throat. An admirable contrast with T. Fournieri; 15 inches.....10

TROPÆOLUM LOBBIANUM "BISMARCK."

Tropæolum.

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for green-house or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; half-hardy annuals; 6 to 10 feet.

6171 **Tropæolum Lobbianum Brilliant.** Scarlet.10

6165 — — **Spitfire.** Crimson.....10

6172 — — **Roi des Noirs.** Black.....10

6174 — — **Asa Gray.** Primrose yellow..... 10

6176 — — **Bismarck.** New; vivid scarlet; fine.....15

6170 — — **Finest Mixed.** Per oz. 40 cts..... 5

PER PKT.

5375 **Tropæolum Canariensis** (*Canary Bird Flower*). A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded.....10

Verbena.

6707 **Verbena, Dreer's Mammoth.** We have been carefully selecting and improving this fine strain of Verbenas for several years past, and can now recommend it as the very best in the market. The flowers are of the largest size, of brilliant colors, with large, distinct eyes. Plants are free-blooming and of vigorous habit. Choice mixed. Per oz. $3.00.....15

6700 — **Dreer's Choicest Mixed.** Selected from our large collection of the newest and finest-named varieties and richest colors. Per oz. $2.50.....10

6710 — **Fine Mixed.** All colors of the older sorts. Per oz. $1.50..... 5

6701 — **Candidissima.** Pure white.....10

6702 — **Coccinea.** Brilliant scarlet.....10

6703 — **Striped Varieties**.....10

6706 — **Blue Varieties**.....10

6711 — **Snowball.** This variety grows into a compact bush instead of being of straggling habit. The umbels are large and bear medium-sized pure white flowers...15

6709 **Collection** of Verbenas, six varieties.....50

LEMON VERBENA.

6708 **Aloysia Citriodora.** Lemon-scented foliage...10

Vinca.

(Madagascar Periwinkle.)

VINCA ROSEA.

Ornamental free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

6713 **Vinca Rosea.** Rose, with dark eye..... 5

6714 — **Alba.** White, with crimson eye..... 5

6715 — **Alba Pura.** Beautiful pure white..... 5

6720 — **Mixed.** Per oz. $1.00..... 5

VALERIANA.

6690 Very showy border plants, growing in any garden soil, doing well in the shade; producing large corymbs of flowers fine for bouquets; hardy perennial; red and white mixed; 2 feet..... 5

VIOLET.

(Viola Odorata.)

Well-known fragrant early spring blooming plants for edgings, groups, or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennials; six inches.

6725 **Single Blue.** Sweet-scented.....10

6728 — — **The Czar.** Large flowering.....10

6726 **Single White.** Very fragrant; free-flowering....10

6727 **Single Mixed.** Blue and white.....10

Wallflower.

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquet flowers; half-hardy perennials.

PER PKT.

6740 **Wallflower Single Mixed.** All colors; 2½ feet 5
6730 — **Finest Double Mixed.** All colors 10
6739 **Collection** of Double Wallflower; 12 varieties $1.00
6749 **Collection** of Single Wallflower; 6 varieties 50

YUCCA.

(Adam's Needle.)

A splendid plant with large clusters of creamy-white tulip-like flowers on tall stems; hardy perennial; 3 feet.

6775 **Yucca Filamentosa.** White 5

ZINNIAS.

The double Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground; half-hardy annuals; 2 feet.

Large Flowering, Double Dwarf Zinnias.

6781 **Double White** 5
6794 **Double Scarlet** 5
6793 **Double Orange** 5
6795 **Double Canary** 5
6797 **Jacqueminot.** Rich, deep velvety crimson 10
6800 **Dwarf Double Mixed** 5
6789 **Collection** of 6 separate varieties 50

6790 **Zinnia, Tall, Double Mixed.** Old type 5
6786 — **Tom Thumb, Double Mixed.** Compact bushes, not over 12 inches high 10
6784 — **Mammoth** (*Robusta Plenissima*). Flowers large, perfectly formed, very double and of striking colors 10
6783 — **Double Pompone.** Long cone-shaped flowers; mixed 10
6791 — **Zebra.** A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance 10

Curled and Crested Zinnia.

6782 **Zinnia Haageana, fl. pl.** (*Mexican Zinnia*). A splendid double variety; flowers deep orange, margined with yellow, keeping its color when dried as a winter flower 10
6796 — **Curled and Crested.** A new and beautiful strain of this popular plant, with large double flowers of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the beautiful shades characteristic of the Zinnia 15

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

	Lbs. per bush.	
Barley, broadcast	48	2 to 3 bush.
Beans, Dwarf, in drills	60	1½ bush.
Beans, Pole, in hills	60	10 to 12 qts.
Beets, Table, in drills		6 lbs.
Beets, Mangel Wurzel		5 lbs.
Broom Corn, in hills	46	8 to 10 qts.
Buckwheat	48	1 bush.
Cabbage, in beds to transplant		¼ lb.
Carrot, in drills		3 to 4 lbs.
Clover, Red	60	20 lbs.
Clover, White	60	12 to 15 lbs.
Clover, Alsike	60	10 lbs.
Clover, Lucerne or Alfalfa	60	20 lbs.
Corn, in hills		8 to 10 qts.
Corn, for Fodder	56	3 bush.
Cucumber, in hills		2 lbs.
Flax, broadcast	56	1½ bush.
Grass, Kentucky Blue	14	3 bush.
Grass, Orchard	14	3 bush.
Grass, English Rye	24	3 bush.
Grass, Red Top	10	3 bush.
Grass, Timothy	45	½ bush.
Grass, Hungarian	48	1 bush.
Grass, Lawn	15	4 bush.

	Lbs. per bush.	
Melon, Musk, in hills		2 to 3 lbs.
Melon, Water, in hills		4 to 5 lbs.
Oats, broadcast	32	2 to 3 bush.
Onion, in drills		6 to 8 lbs.
Onion for Sets, in drills		50 lbs.
Onion Sets, in drills		6 to 12 bush.
Parsnip, in drills		4 to 6 lbs.
Round Peas, in drills	60	1½ bush.
Wrinkled Peas, in drills	56	1½ bush.
Peas, broadcast		3 bush.
Potatoes (cut tubers)	60	8 bush.
Pumpkin (in hills)		3 lbs.
Radish, in drills		8 to 10 lbs.
Rye, broadcast	56	1½ to 2 bush.
Salsify, in drills		8 to 10 lbs.
Spinach, in drills		15 lbs.
Squash (bush varieties), in hills		4 lbs.
Squash (running varieties), in hills		3 lbs.
Sugar Cane		12 lbs.
Tomato, to transplant		¼ lb.
Turnip, broadcast		2 lbs.
Turnip, in drills, 1 oz. to 250 feet of drill		1½ lbs.
Vetches, broadcast		2 to 3 bush.
Wheat, broadcast	60	1½ to 2 bush.

A very material reduction has been made this year in prices of Flower Seeds.

THE PLANT DEPARTMENT.

The above illustration is taken from a photograph of our Exhibit of Palms and Ferns in the Horticultural Building at the World's Fair, Chicago, 1893. Our Exhibits of Gloxinias, Caladiums and Tuberous Begonias in the Hitchings' Building, and of Cannas in the beds in front of the Horticultural Building, also attracted much attention and were greatly admired. We have received the highest awards for our exhibits of Cannas, Caladiums, Cinerarias, Gloxinias, Ferns and Primulas.

IN calling attention to the Plant Department of our business it affords us pleasure to furnish the following information: We are the most extensive growers of decorative plants, such as Palms, Ferns, etc., etc., in the United States, and have a wide reputation for the quality of stock we supply. Aside from these specialties we grow immense quantities of Roses, Cannas, Gloxinias, Caladiums, Tuberous-Rooted Begonias and a general line of all popular plants and bulbs, besides contracting with other growers, both at home and in Europe, for large quantities of such special stock as cannot be produced to advantage at our own nurseries. In many cases we handle the entire production of other growers; as, for instance, in Azaleas we control the entire product of a large Belgian specialist in this line, and so with many other plants, which the limited space of this catalogue prevents us giving in detail.

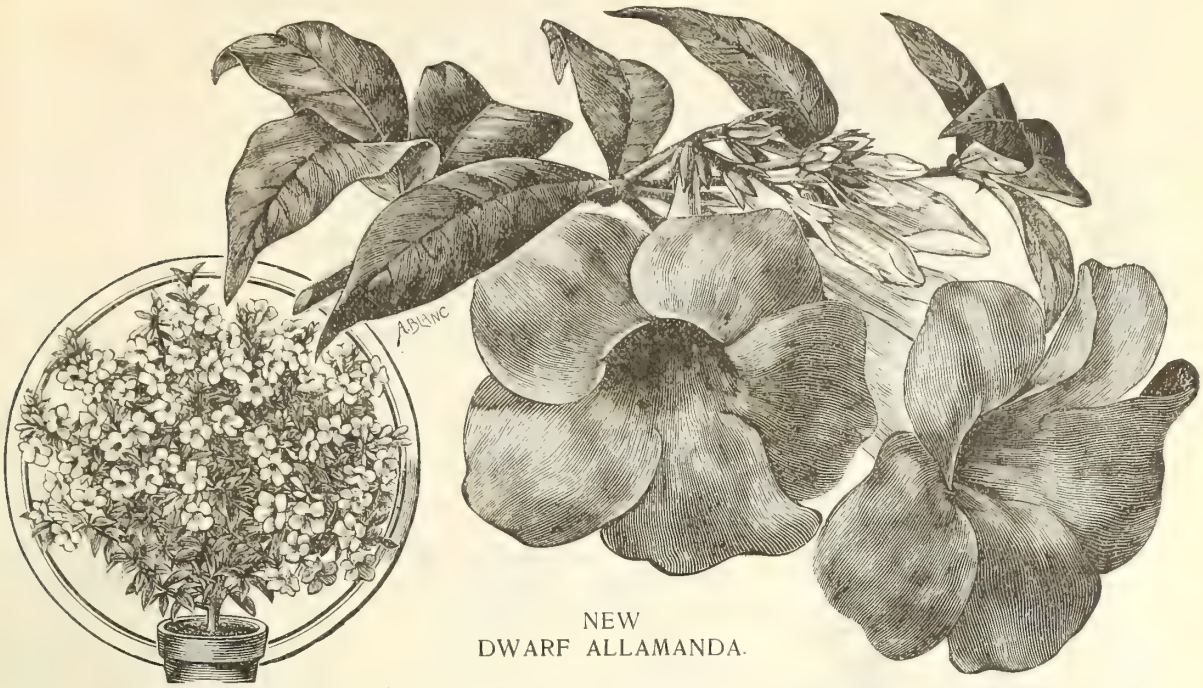
Our facilities for growing and handling plants are most complete, comprising forty-four large greenhouses, containing 80,000 square feet of glass, and thirty pits or frames, containing 20,000 square feet, or a total of 100,000 square feet of glass. This, together with the packing sheds, which have been recently reconstructed and are the largest and most systematically arranged in the country, cover an area of nearly four acres.

A storage cellar 25 by 150 feet has been added this season, which gives us facilities for the cold storage of a large quantity of hardy plants, such as Roses, Shrubbery, Small Fruits, Herbaceous Plants, Asparagus Roots, etc., etc., in such a condition as to enable us to fill all orders complete during the most severe winter weather, thereby avoiding delays in the shipment of orders when plants in the open ground cannot be removed.

These buildings are heated by five large boilers, three steam boilers of 160-horse power and two hot water boilers of 80-horse power, in which 1,283 tons of coal were consumed during the winter of 1892–93.

A bird's-eye view of part of our Nurseries and an interior view of the packing sheds, showing an everyday scene, will be found on the third cover page of this catalogue.

GENERAL COLLECTION OF PLANTS.



NEW
DWARF ALLAMANDA.

ALLAMANDA WILLIAMSII.

This handsome variety is entirely distinct from all others, being quite dwarf and in no way resembling a climber, but forming a compact bush with trusses of bloom at every point, and having from two to four expanded blooms on each extremity at the same time and buds innumerable. It continues flowering the whole summer, and, with proper management, in the winter also. The flowers are from 3½ to 4½ inches in diameter, of a very rich yet delicate tint of yellow, and are deliciously scented. Good young plants 75 cents each.

ALLAMANDA WARDLEYANA.

A very showy greenhouse climber, bearing large and beautiful golden yellow flowers six inches in diameter. It blooms in clusters and is superior in coloring and size to any of the Allamandas. Will thrive in warm houses, though greenhouse treatment enhances its beauty. 50 cts. each.

ABUTILON GOLDEN FLEECE.

ABUTILON GOLDEN FLEECE.

This golden yellow variety is a perfect gem, of strong, vigorous growth and remarkably free flowering. It is continually covered with flowers summer and winter. 15 cents each; 4 for 50 cents.

New Silver-Edged Abutilon. SOUVENIR DE BONN.

A most distinct and striking novelty and the most wonderful variegated Abutilon yet introduced. The foliage is large and of a deep green color, not mottled and marbled as in all other forms of variegated Abutilons, but each leaf is edged with a broad white margin, not unlike the silver-leaved Geraniums. The plant is of strong, robust growth and forms beautiful specimens in a very short time. We know of no variegated plant introduced within recent years which has pleased us so much as this silver-edged Abutilon. 50 cents each; $5 00 per dozen.

TEN BEST ABUTILONS.

Aureum Maculatum. Green and yellow mottled foliage, flowers yellow, veined with crimson.
Boule de Neige. Fine, pure white.
Brilliant. Bright red, free dwarf habit.
Eclipse. A splendid variegated variety, especially suited for baskets and vases; foliage marbled green and yellow, flowers of fair size, sepals scarlet, petals orange buff.
Firefly. Rich salmon scarlet; fine.
Future Fame. Very deep rose shaded crimson, distinct and free-flowering.
Royal Scarlet. Brilliant scarlet, very dwarf and free.
Striata Splendida. A grand variety with bright orange-colored flowers, beautifully striped with rich crimson.
The Premier. Rosy purple; the rose shade very intense.
Thompsoni Plena. Perfectly double flowers, that resemble in form a double hollyhock; rich deep orange, streaked with crimson.

10 cts. each; $1.00 per dozen; the collection of 12 varieties for $1.50.

ACALYPHA.

ACALYPHA MACAFEANA.

A beautiful variegated foliage bedding plant, much richer in color than the finest Coleus; it can be used in the same way, and is certain to become popular for ornamental and sub-tropical bedding. 15 cts. each; $1.50 per dozen; $10.00 per 100.

ACHIMENES.

Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during winter. In early spring pot in peat, sand and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. Six choice varieties named. 20 cts. each; $2.00 per dozen.

ACHYRANTHUS.

Indispensable for bedding purposes, either in masses or ribboning, their brilliant tinted leaves forming a marked contrast with all other plants.

Acuminata. Large purple foliage.

Emersoni. Deep red, shading to pink. One of the very best sorts for contrasting with Coleus or Centaurea.

Lindeni. Dark purple elliptic foliage.

10 cts. each; $1.00 per dozen; $6.00 per 100.

AGERATUM.

Old garden favorites of easy culture, blooming continuously throughout the summer months and until late in the fall.

Blanche. Pure white, very desirable.

John Douglas. Large azure blue, dwarf and compact.

ALTERNANTHERA.

Beautiful dwarf plants of compact habit, growing about 6 inches high, and admirably adapted for edgings to flower beds or ribbon lines, their beautifully variegated foliage of crimson, purple, yellow, pink and green forming rich masses of color, always attractive and highly ornamental.

Aurea Nana. Bright golden yellow, holding its color well the entire season.

Amabilis Tricolor. Orange, crimson and dark green.

Amœna Spectabilis. Crimson, pink and brown; the finest and brightest.

Rosea Nana. Very dwarf, rosy crimson foliage.

Versicolor. Foliage ovate, olive, crimson and chocolate.

10 cts. each; $1.00 per dozen; $6.00 per 100.

ACHIMENES.

Agapanthus Umbellatus.

(Blue Lily of the Nile.)

This is a splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant than this for out-door decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, requiring but slight protection. It is a rapid grower, and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots. With the most ordinary kind of care it is a plant that will last forever. Strong flowering plants 50 cts. each; extra strong, $1.00 each.

ALOCASIA ILLUSTRIS.

ALOCASIA MACRORHIZA VARIEGATA.

An excellent plant to grow in connection with fancy-leaved Caladiums or for planting in the open border in a partly shaded position. The foliage is large, of a dark green, clouded with a velvety blue-black. Planted in light, well-enriched soil, with a good supply of water, it makes plants 2 feet high, which form a striking object in sub-tropical gardening. 25 cts. each; 5 or $1.00.

ANANASSA SATIVA VARIEGATA.

The variegated form of the ordinary Pineapple, and is one of the most beautiful plants; leaves striped, white, green and creamy yellow with a red tinge on the edges. $2.50 to $6.00 each.

Agapanthus Umbellatus Albus.

A beautiful white flowering variety of the above. $1.00 each.

Alocasia Macrorhiza Variegata.

A strikingly handsome ornamental-leaved plant, foliage nearly as large as Caladium Esculentum, light green, broadly splashed with white. Its easy growth, combined with rich variegation, makes this one of the most valuable exhibition plants. $1.50 each.

AGAPANTHUS.

AMARYLLIS.

Beautiful flowering bulbs, which should find a place in every garden. They force readily, are admirable for pot culture, and by proper care can be had in bloom during the whole year.

Aulica (*Lily of the Palace*). Dark crimson, large and fine. $1.25 each.

Formosissima (*Jacobæan Lily*). Crimson, blooming early in the summer. 20 cts. each; $2.00 per doz.

Hybrids of Vittata. Red and white striped. 50 cts. each.

Johnsoni. Very large flower of a rich crimson scarlet color, striped with white. 50 cts. each; $5.00 per doz.

Prince of Orange. Bright orange, large and fine. $1.00 each.

Regina. Large orange scarlet flowers, with yellow throat. 50 cts. each; $5.00 per doz.

ANTHEMIS CORONARIA FL. PL.

One of the most useful plants for bedding or pot culture. It bears its golden yellow double flowers profusely during the season, and can be recommended as a first-class edging plant. 15 cts. each; $1.50 per doz.

Anthericum Vittatum Variegatum.

Desirable for centres of baskets, vases, etc. Long, narrow foliage, striped white. 25 cts. each; $2.50 per dozen.

Anthericum Picturatum. A most distinct and handsome variety, differing from the well-known Anthericum Vittatum Variegatum in having a bright yellow band running through the centre of the leaf, edged with bright pea-green. 50 cts. each; $5.00 per doz.

Asparagus Plumosus Nanus.

Araucaria Excelsa.

ANTHURIUM.

Andreanum. A beautiful plant with large, brilliant scarlet flowers of a leathery texture; they remain in perfection for weeks. $2.00 each.

Grande. Foliage bright, rich velvety green, principal veins elegantly banded with silvery white. When young the leaves are of a violet rose color, beautifully marked. $1.00 to $1.50 each.

Scherzerianum. One of the most striking, dwarf-flowering stove plants, producing beautiful brilliant scarlet flowers, each of which remains from two to three months in bloom. $1.00 each.

ARALIA VEITCHII GRACILLIMA.

A splendid decorative plant with finely divided foliage, of a glossy green above and dark red beneath; it is of an elegantly graceful habit, and unsurpassed as a plant for table decoration. $1.00 to $1.50 each.

ARISTOLOCHIA ELEGANS.

One of the best summer climbers; of rapid and dense growth. It bears profusely, even on small plants, its handsome and elegant flowers of a rich dark purple color, ornamented throughout with irregular markings of a creamy white, and having a yellow eye. 25 cts. each.

ASPARAGUS TENUISSIMUS.

A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage. As a decorative plant for contrast with the foliage of other plants it is one of the most effective. 25 cts. each; $2.50 per doz.

ASPARAGUS PLUMOSUS NANUS.

This is one of the most distinct and effective decorative plants for the stove or warm conservatory. 50 cts. to $1.00 each.

ASPIDISTRA LURIDA VARIEGATA.

A beautiful plant with large, lance-shaped leaves, finely variegated with clear, cream-colored stripes. An elegant window or conservatory plant of the easiest culture. 50 cts. to $1.00.

Aspidistra Lurida.

A green-leaved variety of the above, of strong growth; will succeed in any position; an excellent hall or corridor plant. 50 cts. to $1.00 each.

Ardisia Crenulata.

ARDISIA CRENULATA.

A very ornamental green-house plant, with dark evergreen foliage, producing clusters of brilliant red berries; a first-class house plant in winter. 25, 50 and 75 cts. each, according to size.

ARAUCARIA EXCELSA.

(Norfolk Island Pine.)

Without doubt one of the most serviceable plants for house decoration, well adapted to room culture, and attractive and graceful in appearance.

Beautiful specimen plants, 15 inches high, $2.00 each; 18 inches, $3.00; 24 inches, $5.00; 36 inches, $7.50; 48 inches, $10.00 each.

Anthurium Scherzerianum.

AZALEA INDICA.

AZALEA.

(Chinese Azalea.)

Beautiful plants for window or conservatory decorations. The ease with which they can be grown and their diversity of color will always keep them in public favor. They force readily, are perfectly hardy south of Washington, and if protected by cold frames can be safely kept over winter even in the North. The collection we offer comprises the cream of the best continental establishments.

We can supply plants at 50 cts., 75 cts., $1.00 and $1.50 each; $5.00, $9.00 and $15.00 per dozen.

BEGONIA COUNTESS LOUISE ERDODY.

BEGONIAS.

BEGONIA REX.

(Painted Leaf Varieties.)

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc.

25 cts. each; $2.50 per doz.

BEGONIA THURSTONII.

A distinct and pretty shrubby variety with thick heavy foliage, which is of a rich metallic green above and bright red underneath; the flowers are of a fine pink, rising well above the foliage.

As a bedding plant for a partially shaded position this variety is unequalled.

15 cts. each; $1.50 per dozen.

BEGONIA REX.

BEGONIA COUNTESS LOUISE ERDODY.

The leaf, which has a metallic lustre, appears dark silvery in the centre, shading into coppery rose toward the margin, which is broadly and evenly edged with the same hue, but darker and more brilliant. The striking peculiarity, however, which distinguishes it from all other Begonias, is that the two lobes at the base of the leaf do not grow side by side, but one of them winds in a spiral-like way until in a full-grown leaf there are four of these twists lying on the top of the leaf nearly two inches high. This is an exceedingly curious and interesting variety.

30 cents each; 4 for $1.00.
$3.00 per dozen.

BEGONIA ARGENTEA GUTTATA.

BEGONIA. Flowering Varieties.

We know of no plants better adapted to amateur cultivation than these; as pot plants for summer or winter cultivation they have few equals.

Alba Picta. A pretty species from Brazil, distinct in character. It is shrubby in habit and of compact growth. The leaves are glossy green, freely spotted with bright silvery white. Will make a really useful and pretty plant for decorative purposes. 25 cts. each.

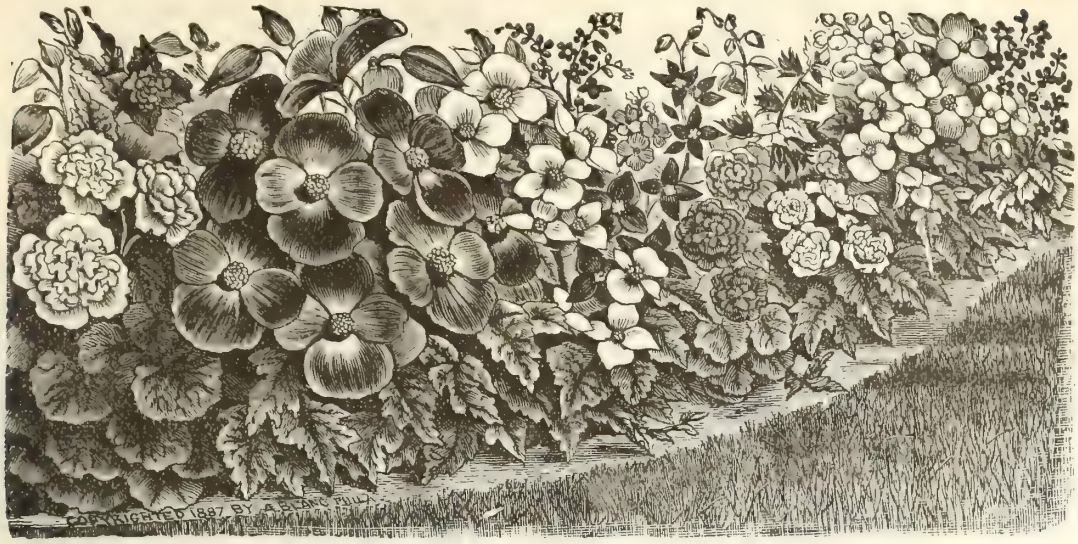
Argentea Guttata. A cross between Begonia Olbia and Alba Picta; with foliage of large size, of a rich green spotted with silver; a beautiful variety. 25 cts.

Rubra. Dark green leaves, flowers scarlet rose, glossy and wax-like. 15 cts.

Saundersoni. Scarlet flowers, dwarf habit; in bloom continually. 15 cts.

Semperflorens Gigantea. The flowers of this new sort are brilliant carmine red, and are borne in large panicles. It is one of the best of the new Begonias, and possesses vigorous habit. The flowers are unusually large and brilliant, and stand well above the foliage. 25 cts.

Set of 6 varieties for $1.00.



SINGLE AND DOUBLE TUBEROUS-ROOTED BEGONIAS.

Tuberous-Rooted Begonias.

The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color, and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. We have made a specialty of these charming plants for several years, have tried them thoroughly, and have no hesitation in saying they are destined to play a very important part in the bedding of the near future. With us they have bloomed profusely when planted out on rock-work or in the open ground, and have been a decided attraction.

Single Scarlet, Orange, Crimson, Pink, White, Yellow, 15 cts. each, $1.50 per doz., $10.00 per 100.
Mixed Single, 10 cts. each, $1.00 per doz., $8.00 per 100. **Mixed Double,** 30 cts. each, $3.00 per dozen.

BEGONIA METALLICA

BEGONIA METALLICA.

A fine erect-growing variety, with dark, rough leaves; the surface is a lustrous bronze green, veins depressed and dark red. 20 cents each.

Set of 6 varieties of flowering Begonias for $1.00.

BOUVARDIA, ALFRED NEUNER.

BOUVARDIAS.

Shrubby plants, with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. One of the most useful of winter-blooming plants.

Alfred Neuner. Purest waxy-white. (See cut.)
Davidsoni. The best of the single white varieties.
Humboldti Corymbiflora. Pure white, fragrant.
President Cleveland. A grand single-flowered variety with intense dazzling scarlet flowers.
Rosea Multiflora. Beautiful shade of salmon rose.
15 cts. each; set of 5 for 60 cts.

Select List of Carnations.

The following list embraces the cream of the standard and well-tried varieties, together with the best of the new introductions of 1893.

Striped Carnation, American Flag. A most distinct and novel variety, a sport from that fine scarlet "Portia," from which it differs in color; the flowers, which are of good size, and fine form, are distinctly striped with alternate bands of red and white.

Anna Webb. A fine crimson, deeply fringed, of medium size, and branching habit; florets very full; a free, continuous bloomer.

Buttercup. Rich golden yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double, from 2½ to 3 inches in diameter.

Edna Craig. A most beautiful light shade of pink, of fine form and great substance. 2½ to 3 inches in diameter.

Cæsar. A remarkably strong grower, very full and finely formed flowers, variegated red and white.

Lois C. Haettel.

Hawaii.

New Jersey. Fine rich bright scarlet.

Mrs. Henry M. Stanley. A sport from Buttercup, of a rich terra cotta shading into yellow and red.

Angelus. A fine rosy pink with large perfect flowers; very prolific.

Orange Blossom. White suffused with pink; a lovely flower.

Chester Pride. White, pencilled rosy carmine; large, strong, good habit.

Century. Of healthy growth, medium height, an early constant bloomer of a rich, glowing carmine color, full and double; rich clove fragrance.

Daybreak. A genuine novelty in color, being a very delicate shade of pink, admired by every one.

Dawn. Neither what is called a straight or solid color, or variegated, but a blending from the centre of the flower outwards, of a soft delicate pink or rose color to pure white at the edge.

Field of Gold. Light canary yellow, very dwarf.

Grace Wilder. Bright rosy pink; very fragrant.

Golden Gate. Fine yellow variety, full and double as Buttercup, but brighter.

Golden Triumph. A very pretty shade of yellow.

Hinze's White. A well-known variety.

J. R. Freeman. Rich cardinal crimson, clove-scented.

L. L. Lamborn. A dwarf, compact grower, bearing on long stems fine waxy-white flowers; very large floret.

Lizzie McGowan. An elegant new white variety that is destined to become very popular, being of the purest white color, large, full and very attractive. Very prolific and fragrant.

William F. Dreer. This fine variety is a seedling from Buttercup crossed with Century. It is of exceedingly strong, healthy growth, upright and robust, with a majority of long stems, and often four full-blown flowers on a single spike at one time. Its color is a beautiful rose pink, deeply fringed petals, very large, often three inches in diameter, and does not burst its calyx.

Nelly Lewis. A novel variety and entirely distinct from all others, of a most pleasing soft shade of pink; it is a strong grower, a free bloomer and exquisitely fragrant.

Portia. The finest scarlet yet introduced, of vigorous, healthy growth, and very free.

Thomas Cartledge. A beautiful carmine, closely resembling La Purite in color. It is a vigorous grower, early to come in flower and extremely prolific; a decided acquisition.

15 cts. each, $1.50 per dozen, $8.00 per 100; the set of 25 varieties, one of each, for $2.50.

New Carnations.

LOIS C. HAETTEL. A pure white variety of California origin, and one of the most prolific and continuous flowering varieties ever introduced. The cut gives a good idea of the actual size and shape of the flower. The petals, as will be noticed, are very heavily fringed, giving it a peculiar lace-like appearance. The habit of the plant is all that could be desired, while in fragrance it rivals the hardy garden Pinks. 25 cts. each, $2.50 per dozen, $15.00 per 100.

HAWAII. A pretty fancy variety; ground color yellow, laced and striped with carmine, entirely distinct from anything sent out before. The plant is a strong, vigorous grower and a profuse and vigorous bloomer. 25 cts. each; $2.50 per dozen.

SPOTTED CALLA.

SPOTTED CALLA.

(Richardia Alba Maculata.)

The leaves of this variety are deep green, with numerous white spots, which gives the plant a very ornamental appearance. The flowers are pure white, with a black centre. They grow freely, either in-doors or out. 20 cts. each; $2.00 per dozen.

BLACK CALLA.

WHITE CALLA.

(Richardia Æthiopica.)

The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June to last of August, repot in good rich soil, using a 4 to 6-inch pot, give water, light and heat in abundance, and the result will be most satisfactory. 20 cts. each; $2.00 per doz.; extra large, 30 cts. each; $3.00 per doz.

BLACK CALLA.

(Arum Sanctum.)

This interesting variety resembles in habit and foliage the White Calla, with flowers of a rich dark purple color over a foot in length and 4 to 6 inches across. The spike or spadix is about 10 inches long, and of an ebony black color. 35 cts. each.

New Dwarf Calla "Little Gem." A new dwarf variety of the Richardia Æthiopica, growing about half as high as that well-known sort. It is very free flowering and fine for pot culture. 35 cts. each.

CAMELLIA JAPONICA.

The varieties we offer of this desirable plant are the best of their respective color, and consist of white, pink, mottled, rose, etc. We can supply 12 distinct sorts.

1st size,	$2.00	each;	$20.00	per dozen.
2d "	1.25	"	12.00	"
3d "	75	"	9.00	"

COLEUS.

Whether grown as individual plants or for massing in ribbon gardening, they are in every way very desirable. The list embraces the best old sorts and novelties, and has been carefully selected from a large collection.

Bizarre. Purplish crimson centre, edged yellow.
Chas. D. Jacobs. Mottled crimson, maroon, green and yellow; a distinct and pretty variety.
Exquisite. Violet carmine, green margin.
Firebrand. A fine bedder, dark crimson, shaded garnet.
Golden Bedder. Fine yellow foliage; good bedder.
Maroon Velvet. Rich velvety maroon.
Mrs. Bement. Large, cream color, narrow green edge.
Mrs. J. C. Cowles. Green with broad yellow border.
Queen Victoria. Crimson, the brightest golden edge.
Red Cloud. Crimson and blackish brown.
Shylock. Large, dark maroon leaves, with rich crimson midribs and veins; very distinct.
Verschaffelti. Rich velvet crimson.
Golden Verschaffelti. Fine yellow foliage.

10 cts. each; $1.00 per doz.; $6.00 per 100.

New Coleus, Golden Crown. A new golden-leaved variety, with broader and heavier foliage than yellow varieties heretofore introduced; it is also of stronger and more vigorous growth. 15 cts. each; $1.50 per doz.; $10.00 per 100.

THE TRICOLOR CUPHEA.

(Cuphea Llavae.)

This interesting flowering plant belongs to the same family as the well-known Lady's Cigar Plant. The flowers are tubular in shape, about two inches long, and combine three distinct colors in each flower—scarlet, white and blue. It grows into a bushy specimen about 15 inches high, and makes an elegant plant when potted or in the open ground, being in bloom continually when given proper care. 15 cts. each; $1.50 per doz.

CALADIUMS.

Fancy-Leaved Varieties.

For many years the Fancy-Leaved Caladiums have been a special feature of our establishment. We grow several large houses of these beautiful plants alone. Our collection has been carefully revised and contains only first-class, distinct and well-marked varieties, and is acknowledged to be the finest in the country. Their greatest value is for the decoration of conservatories, greenhouses and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall. Most of the varieties, if planted about the first of June in partly shaded warm borders, in well-enriched light soil, succeed admirably as bedding plants, the various colorings and markings of which cannot be obtained in any other class of plants. We list 40 fine sorts, but from our collection of over 75 sorts we are able to supply other varieties equally distinct and fine. Many of the fine varieties do not show their variegation when young, and often appear exactly the same as older sorts.

Argyrites. Distinct small leaved variety, never exceeding 6 inches in height, bright, pea-green leaves, beautifully spotted and marbled with white.

Arethusa. Light green, gray centre and ribs, rosy crimson spots.

Auguste Reviere. Foliage green, with gray centre and crimson spots.

Baron Rothschild. Green, spotted and veined with orange crimson.

Berose. Deep green spotted, red veins and midrib crimson, light green centre.

Bicolor Fulgens. Lively green, with crimson-rayed centre.

Boildieu. Bright crimson centre, deep green margin.

Canærti. Green spotted white, crimson centre.

Candida. Clear white ground, strongly marked ribs and margin.

Cajubi. Bright crimson ribs and veins on a deeper zone, with bright green border.

Chantini Splendens. Spotted rose and crimson, brilliant centre.

Diana. Rich green, spotted red centre, crimson rayed.

Duchartre. Green, white veins, shaded rose.

E. G. Henderson. Green, spotted rose, rayed crimson.

Euterpe. Rich crimson veins on a bronzy-green ground, suffused with white.

Guanabara. Creamy white foliage, the entire leaf covered with transparent white spots.

Isadore Leroy. Metallic green, crimson-rayed centre.

Jupiter. Green ground, splashed with white, bright crimson midrib.

Junon. Crimson ground, green margin, and white spots.

L'Albane. Pure white ground, green veins, very large foliage.

La Perle du Bresil. White, delicately tinted with rose, midrib and veins dark green; large and transparent; one of the loveliest in cultivation.

Leplay. Deep green, attractively marked with white, veined with rosy crimson.

Lepeschkenei. Large spots of rich rose-color, bright red centre.

Louis Duplessis. Red rays and veins, on a white ground, green margin.

Louis Poirier. Crimson ground, white spots and green margin; finely marked.

Mad. Fritz Koechlein. White ground, violet rose ribs, green veins; very handsome.

Mad. Alfred Bleu. Deep green, white blotches, broad veins of crimson scarlet.

Max Kolb. Gray centre with crimson blotches.

Marchandi. Greenish white centre, crimson ribs, green border; distinct.

Meyerbeer. White, veins green, midrib red.

Mons. J. Linden. Large whitish leaves, with metallic reflections, coral rose veins, and reticulated green border.

Mons. Pauchard. Light colored ground marbled with dark crimson; light green veins and border; a bold and striking variety.

Napoleon III. Flamed crimson centre and spots on green ground.

Reine Marie du Portugal. Violet-rose centre, red veins, dark maroon zone, green border.

Sanchoniatum. Crimson centre, deep crimson ribs and pea-green margin.

Sieboldii. Fiery red centre, spotted with claret red.

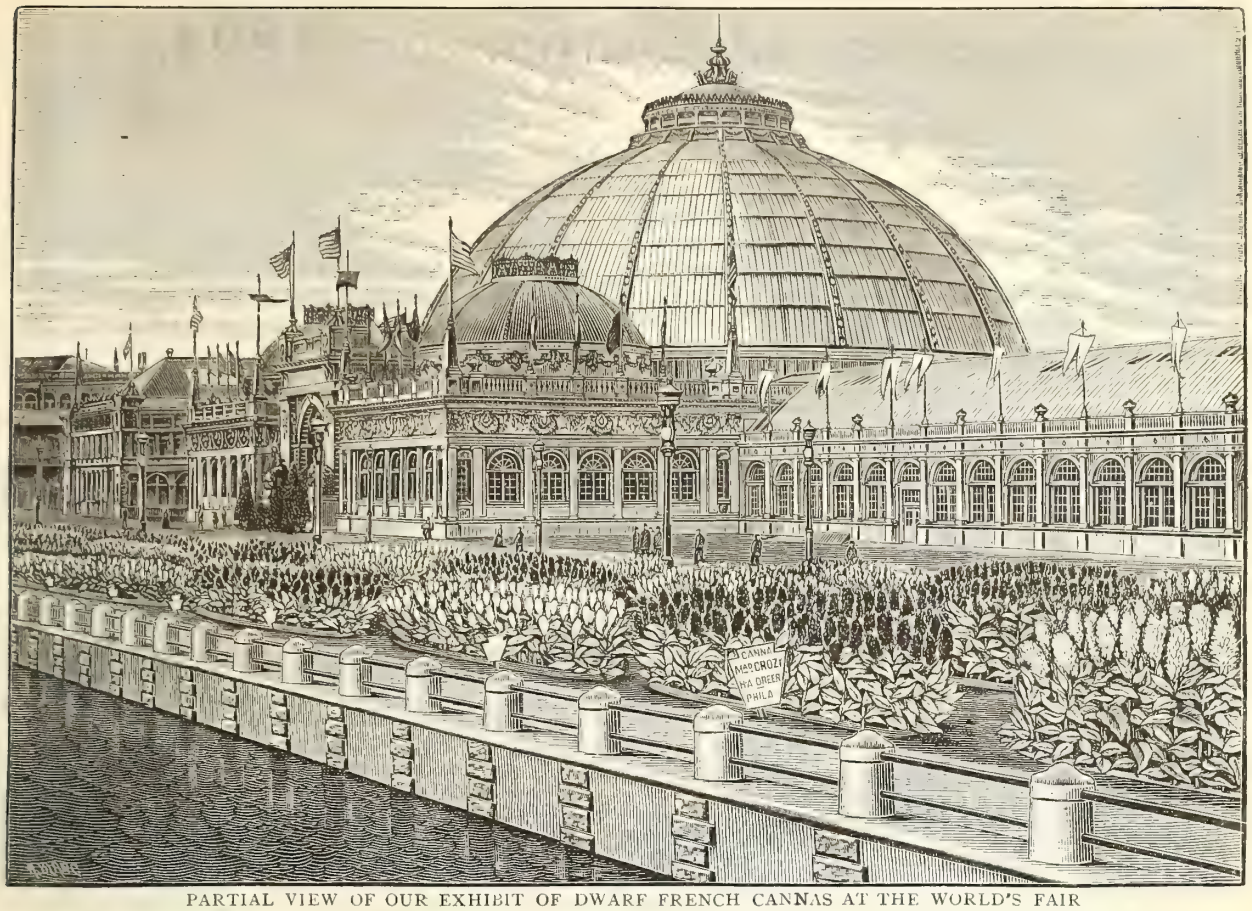
Triomphe de l'Exposition. Crimson centre, bright red ribs and green border.

Ville de Mulhouse. Grayish green leaves, shaded rose and rich green centre.

Walter Scott. Rich crimson veins, on a bronzy green ground, suffused with white.

Wightii. Light green, with crimson and white spots.

30 cts. each, $3.00 per dozen. Set of 40 varieties, one of each, for $8.00, or a full set of 75 varieties, one of each, for $14.00.



PARTIAL VIEW OF OUR EXHIBIT OF DWARF FRENCH CANNAS AT THE WORLD'S FAIR

Large Flowering Dwarf French Cannas.

Wonderful improvements have been shown in this plant the past few years and every season adds some striking novelties. Our collections this year are far ahead of anything offered before, and embrace all the European and American introductions of this season, as well as the cream of the varieties introduced in the past four years; these we are now able, on account of our very large stock, to supply at a price permitting their use in large quantities. The spikes of large flowers somewhat resemble Gladiolus, but their much more brilliant colors show grandly against the tropical foliage, which seldom exceeds four feet in height; the flowers range in color from the deepest crimson, orange scarlet, and salmon to light yellow, many being beautifully mottled and streaked.

Among the Floricultural Exhibits at the World's Fair nothing attracted so much attention as the exhibit of dwarf Crozy Cannas in front of the Horticultural Buildings, facing the Lagoon.

In the Bronze Medal Collection, which will be found on page 87 of this Catalogue, we list only such varieties as were awarded the highest honors. Of the nine varieties listed seven were included in our exhibit.

Three Grand New Cannas.

NEW AMERICAN SEEDLING, "ORANGE PERFECTION."

A new variety of American origin, and one of the brightest and most effective varieties in commerce. In color it is of a bright orange scarlet; truss large and well formed, retaining the florets for a long time in good condition; habit of plant dwarf, compact and very free-flowering. 75 cts. each; $7.50 per doz.

NEW GILT-EDGED CANNA, "PAUL SIGRIST."

Undoubtedly the greatest novelty in Cannas this season, and entirely distinct from all other varieties; it is of the general style and habit of Madame Crozy, with flowers nearly if not quite as large as that standard variety, while in color it may be almost called a combination of Madame Crozy and Alphonse Bouvier. The petals are broad and massive, of a rich dazzling crimson, several shades deeper than Alphonse Bouvier, with a broad, golden-yellow border. We consider this variety a grand acquisition. Our stock is very limited, and orders will be filled in strict rotation as long as stock lasts. Ready March 1st. $2.50 each.

CROZY'S NEW GIANT CANNA, "SOPHIE BUCHNER."

Undoubtedly the strongest-growing Canna of the Crozy type in cultivation, forming majestic-looking specimens in a short time, with broad, massive, rich green foliage, similar to that of the Abyssinian Banana. The habit of the plant is all that could be desired. Small plants set out in our trial-grounds late in June attained a height of over six feet, and we have no doubt if strong plants were set out early in the season, with thorough cultivation, they would attain a height of over eight feet. The flowers, which are of good size, are of a bright scarlet overlaid with orange, and are produced in bold, heavy, compact spikes. Ready March 1st. $1.50 each.

We will furnish one each of these three grand novelties for $4.00.

Novelties in Cannas for 1894.

Baron de Sandrans. A very distinct light yellow with cinnamon brown spots, flowers very large, with broad well-rounded petals, foliage a rich bright green, habit very symmetrical. 3½ feet. $1.00 each.

Charles Moore. A very free flowering variety, with medium size flowers of a bright yellow, so closely covered with large deep orange spots as to give the entire flower the appearance of being a solid orange when seen from a short distance; foliage green. 3½ feet. $1.00 each.

Comte de Ganay. An entirely distinct variety; the flowers, which are large, are of a deep salmon, edged with yellow, while the reverse of the petals is almost entirely yellow; this gives the trusses a peculiarly mottled appearance; foliage green. 3 feet. $1.00 each.

Commandant Faurax. Flowers of medium size of an intense rich vermilion overlaid with orange scarlet; foliage dark green with purple veins. 4 feet. $1.00 each.

Colonel Dodds. A peculiar shade of rosy salmon; foliage dark green. 3½ feet. $1.00 each.

Camille Bernardin. A strong growing variety attaining a height of 5 to 6 feet, producing very large salmon colored flowers, with broad shell-like petals, very distinct; foliage green. $1.00 each.

Edward Mieg. A grand acquisition and one of the best of the high colored varieties; bearing very large flowers in immense trusses of a rich vermilion scarlet; a strong, robust grower with dark green foliage, attaining a height of 3½ feet. $1.00 each.

F. Neuvessel. Flowers of a good size, of a bright orange scarlet, very distinct, dark green foliage with bronzy purple veins and edges. 4 feet. $1.00 each.

L. E. Bally. Flowers of immense size of a light canary yellow spotted with orange, petals heavy and broad; foliage green; plant a strong symmetrical grower, very desirable. 3½ feet. $1.00 each.

Otto Froebel. On the style of Madame Crozy, but with a much wider edge of golden-yellow, a remarkably free-flowering variety. $1.00 each.

We will furnish the set of 10 novelties, one of each, for $7.50.

New Varieties of Last Season.

Admiral Gervais. Somewhat in the way of Madame Crozy. The individual flower is not quite as large, but showing considerably more golden-yellow in its markings. It is of dwarfer habit, never exceeding 3 feet in height.

Comtesse de L'Estoile. The flowers are of large size, of a bright canary yellow, evenly and regularly spotted throughout with bright cinnamon red spots; foliage bright green; habit of the plant compact and vigorous. 3½ feet.

Charles Dippe. A hybrid between Ehemanni and the French type, with which it is almost identical except in the foliage, which is marked with metallic bronze.

Cronstadt. Flowers very large, rich orange, slightly flaked with carmine, entirely distinct and very desirable; foliage bronzy purple. 4½ feet.

Denil de St. Grevy. A grand acquisition; flowers of good size with well-rounded heavy petals of the most intense rich orange scarlet; foliage bronzy purple; very effective. 4½ feet.

Dr. Vergely. A bright golden yellow with brown spots, flowers of large size and good substance, plant of dwarf compact habit; foliage green. 3 feet.

Explorateur Crampbel. Flowers of good size, borne in large heads and thrown well above the foliage. Its color is a bright orange crimson, with deep crimson markings; foliage green. 4 feet.

Gustav Sennholz. A pretty and entirely distinct variety with medium sized flowers, which upon first opening are of a light shade of salmon, which changes, as they fully expand, to a peculiar shade of silvery rose mottled with salmon; foliage green. 3 feet.

Maurice Mussy. Rich satiny vermilion scarlet, of large size, with broad rounded petals of good substance; foliage green. 4 feet.

Martin Cahuzae. The lightest yellow in cultivation, flowers of good size and substance, produced in large compact heads of a light canary yellow with dark spots; entirely distinct. 3 feet.

Marquise Arthur de L'Aigle. A most beautiful variety on the general style of Madame Crozy, but with a much wider edge of golden yellow; foliage green. 3½ feet.

Nardy Pere. Of the most intense rich brilliant crimson scarlet; very dazzling; flowers of good size, borne in large open heads; foliage dark green, with purple veins and stems. 4 feet.

Professor Gerard. A grand acquisition; flowers of a rich crimson scarlet, borne in very large spherical heads thrown well above the foliage, which is broad and massive, of a dark green color with purple edges and stems. 4½ feet.

Secretary Stewart. Flowers of a bright garnet, borne in large spikes, the flowers being well separated on the spike; foliage green. 4 feet.

Stadtgartner Sennholz. Flowers of medium size, of the most intense brilliant crimson scarlet; foliage bronzy purple. 4½ feet.

Senateur Montefiore. Ground color yellow striped and splashed with orange and salmon, flowers large, entirely distinct; foliage green. 3 feet.

Price 50 cts. each; the entire set of 16 varieties for $6.00.

A Group of Dwarf French Cannas.

NEW GERMAN BEDDING CANNA KAISER WILHELM II.

A variety of German origin that was first introduced in the spring of '93, but for some reason its good merits were not properly known. In our trial grounds the past summer we considered it one of the very best of its color for massing in large beds on account of its uniform, symmetrical, dwarf habit of growth and its exceedingly floriferous character. The flowers are not as large as the best new French varieties, but are still of very good size and shape, of a brilliant red color, and borne on stout erect stems well above the foliage.

We have prepared a large stock of this variety, feeling certain that it will give entire satisfaction as a plant for massing in solid beds. 15 cts. each; $1.50 per doz.; $10.00 per 100.

YELLOW CANNA "NELLIE BOWDEN."

This variety, though a disappointment when first sent out on account of the size and form of the individual flowers, which do not compare with the Crozy varieties, and while of little value as an individual plant in the garden, we consider it very valuable and one of the best of its color, when planted in solid beds or used as a border in connection with some of the high colored sorts. 3 feet. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Columbian Bronze Medal Collection.

We call this the Columbian Collection, as it consists entirely of varieties that have been awarded *Bronze Medals* at the World's Fair at Chicago last summer. Our stock of these varieties being exceptionally large, we are enabled to offer them at very low prices.

ALPHONSE BOUVIER.

This is, all points considered, probably the grandest variety yet introduced. It is a remarkably luxuriant grower, in rich ground attaining a height of 6 to 7 feet. In color it is of a rich, brilliant crimson, almost approaching scarlet when it first opens, changing to a deep, dazzling crimson as the flowers fully develop. It has a peculiar habit of dropping the flower cluster a trifle as the second flowering shoot begins to push above the first, and the shoots flower three or four times in succession, a large plant frequently having as many as thirty or forty of the large brilliant clusters of flowers at one time. The foliage is of a rich, deep green color. 25 cts. each; $2.50 per doz.; $18.00 per 100.

CAPITAINE P. DE SUZZONI.

One of the finest yellow spotted varieties yet introduced. Its flowers are very large, with broad rounded petals produced in large heavy spikes. The ground color is of a rich, canary yellow, while the entire flower is spotted with cinnamon red in such a manner as to intensify the yellow. Its habit of growth is entirely distinct from all others, the foliage being very similar to that of the Abyssinian Banana, and of a light green color. It attains a height of about 5 to 5½ feet. 35 cts. each; $3.50 per doz.; $25.00 per 100.

CHARLES HENDERSON.

This grand variety was first introduced last season, but owing to its scarcity and high price was distributed only in a limited way. While its merits were then not fully recognized we do not hesitate after a full season's trial to pronounce it one of the very finest crimsons yet introduced. While it is not quite as rich in color as the Alphonse Bouvier, its habit of growth is much more compact and uniform, rarely exceeding 3½ feet in height, which makes it a most desirable companion to Madame Crozy, which grand variety it frequently exceeds in size of bloom. 50 cts. each; $5.00 per doz.; $40.00 per 100.

EGENDALE.

This is another of last season's introductions, and is especially valuable as a bedding variety, having dark bronzy foliage similar to the old Indica varieties, but with large, bright, cherry red flowers of good shape and substance. It is of compact uniform growth, attaining a height of 4 feet, and is considered one of the very best dark foliage varieties. 50 cts. each; $5.00 per doz.; $40.00 per 100.

FLORENCE VAUGHAN.

Undoubtedly the finest yellow spotted variety yet sent out; in color it is of a bright rich golden yellow, spotted with bright red; the flowers, which are of the largest size, of great substance and of perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed 3 feet in height. 50 cts. each; $5.00 per dozen; $40.00 per 100.

J. D. CABOS.

Rich maroon foliage with metallic lustre; flowers very large, of a peculiar rich shade of orange shaded capucine. 4½ feet high. 50 cts. each; $5.00 per dozen; $40.00 per 100.

MADAME CROZY.

Flowers of a dazzling crimson scarlet, bordered with golden yellow; a marvellous and rich combination of colors. The plant is of vigorous growth yet very dwarf in habit, rarely exceeding four feet in height. The foliage is of rich cheerful green, and very massive. The flowers are produced in large branching stems which are closely set with bloom, each stem being really a bouquet in itself. It is remarkably free flowering and can be had in bloom the year around. We first offered this grand Canna in the spring of 1891, and we know of no other plant of which we distributed such a large quantity which gave such general and univeral satisfaction. 25 cts. each; $2.50 per dozen; $18.00 per 100.

PAUL BRUANT.

One of the freest flowering varieties, throwing its large heads of bloom well above the foliage; in color it is of the most intense shade of orange scarlet, with a peculiar satiny surface; foliage dark green with purple edge. 4¼ feet. 50 cts. each; $5.00 per dozen; $40.00 per 100.

PAUL MARQUANT.

Another grand variety, and one of the most pleasing and beautiful on account of its large size and entirely distinct and novel color. The flowers, which are larger than in any other variety, stand out from the spike separately in such a manner as to attract special attention. Its color, which is difficult to describe, and which is frequently compared in softness to an Orchid, is of a bright salmon scarlet, passing to a rosy carmine with a peculiar silvery lustre, which lights up the salmon very brightly. The foliage is of a dark green, and its habit very dwarf, growing from 3 to 3½ feet in height. 25 cts. each; $2.50 per dozen; $18.00 per 100.

We will furnish one each of the 9 varieties of the Columbian collection for $3.00.

LARGE FLOWERING DWARF FRENCH CANNAS—*Continued.*

COLLECTION A.

Commandant Dubois. Large flowers of a deep vermilion centre passing to cinnamon red, edged with yellow. 3 feet.

Henry A. Dreer. Flowers large, of a very rich crimson; foliage bronzy-purple, entirely distinct. 4 feet.

Francois Corbin. Yellow, spotted red. 4 feet.

Henri L. de Vilmorin. Entirely distinct; the centre of the flower is of a brownish red, shading off at the outer edge of the flower to a bright yellow; foliage green. 4 feet.

J. Thomayer. Flowers of very large size, produced in large spikes of a most intensely rich orange scarlet; foliage of a rich bronzy purple. 4 feet.

Mlle. de Cruillon. Flowers of large size, of a light yellow, shading to terra cotta; foliage green. 3 feet.

Mrs. Sara Hill. Flowers of a rich carmine, of good size; foliage green. 3½ feet.

Mr. Cleveland. Flowers very large, of a rich orange scarlet; foliage deep green. 5 feet.

President Hardy. Flowers pure salmon color on light yellow ground; foliage bright green. 4½ feet.

Perfection. Bright golden yellow flowers, minutely spotted with cinnamon red; foliage green. 3½ feet.

Ventura. Flowers of medium size, of a light red overlaid with carmine; foliage deep green. 3½ feet.

Vitticeulteur Gaillard. Flowers of a very large size, of a bright vermilion scarlet; foliage green. 6 feet.

35 cts. each; the set of 12 for $3.50; $25.00 per 100.

COLLECTION B.

Baronne de Sandrans. Scarlet edged with golden yellow, very floriferous. 3½ feet.

Baronne De Renowardy. Flowers of fair size, of a rosy salmon overlaid with scarlet; foliage deep green edged with purple. 3½ feet.

Comte Horace de Choiseaul. Flowers of a deep crimson of large size; foliage deep green. 4½ feet.

Duchess de Montenard. Very large flowers of a bright yellow spotted with red; foliage green. 4½ feet.

E. Chevreul. Flowers brownish red, striped with pale yellow, entirely distinct; foliage green. 4½ feet.

Francois Maire. Flowers large, of a very bright orange scarlet; foliage green, of fine habit. 3½ feet.

Ingenieur Alphand. Flowers of large size, bright reddish carmine; foliage bronzy purple. 4 feet.

La Guill. Flowers very large, of a beautiful rich salmon; foliage deep green. 5½ feet.

Mr. Lefebvre. Cerise carmine with dark shadings; foliage dark bronzy-purple. 4½ feet.

Petit Jeanne. Bright crimson scarlet, edged with golden yellow; foliage green. 3 feet.

Pierette de Biorlet. Flowers large, deep lemon striped with cinnamon red; foliage green. 3 feet.

Star of '91. Of dwarf compact habit, of a bright orange scarlet color faintly banded with yellow; foliage bright green. 3 feet.

25 cts. each; $2.50 per dozen; $18.00 per 100.

COLLECTION C.

Popular Low-Priced Collection.

We have a very large stock of the 12 varieties named in this Collection which enables us to offer them at a low price. They are all very fine sorts and as good as many of the high-priced ones. Where large quantities are required for massing they will be found most desirable.

Antoine Crozy. Strong vigorous grower and free blooming; flowers bright cherry carmine. 4½ feet.

Admiral Courbet. Flowers large, light yellow, striped and spotted with crimson; foliage pea-green. 3 feet.

Antoine Chantin. Bright green foliage, flowers of a bright orange scarlet overlaid with crimson. 4 feet.

Enfant du Rhone. Flowers of good size, rosy salmon, overlaid and striped with orange scarlet. 3½ feet.

Edward Michel. Large flowers of a rich salmon overlaid with scarlet, marked with yellow; foliage green. 4 feet.

Francois Crozy. Flowers of a deep shade of salmon, edged with bright yellow; foliage deep green. 3½ feet.

Geoffroy St. Hillaire. Large flowers of a rich scarlet overlaid with orange, bronzy purple foliage. 4½ feet.

Mlle. Liabaud. Red shaded with orange, of fair size; foliage light green. 4 feet.

Princess Lusignani. Bright glowing orange scarlet shaded crimson; foliage green. 3 feet.

Souvenir de Jeanne Charreton. Fine large flowers of a bright orange red; foliage dark green. 4 feet.

Statuaire Fulconis. Flowers in the greatest profusion, of rich dazzling scarlet. 4 feet.

Trocadero. Bright crimson scarlet, overlaid with orange; foliage dark green. 5 feet.

15 cts. each; $1.50 per dozen; $10.00 per 100.

GENERAL COLLECTION.

Adrian Robinne. A grand bronzy-red foliage variety, with small carmine flowers.

Ehemanni. An old favorite, with large oval soft green leaves and carmine red flowers, on long drooping stems.

Emile Leclerc. Flowers large, bright golden yellow, mottled and spotted crimson and scarlet.

Jules Chretien. Foliage light green, flowers large, of a bright glowing cerise crimson. 3 feet.

Premices de Nice. Long green leaves; yellow flowers.

Senator Millard. One of the very finest bronzy foliaged varieties; and one of the best of the tall growing sorts; 6 feet.

Strelitzæflora. Broad, massive deep green foliage; brilliant orange scarlet flowers. 3 to 4 feet.

Souv. de Barrillet Deschamps. Green, shaded maroon; crimson flowers.

Segionaire. A distinct variety, with rich vermilion flowers; foliage dark green with bronzy purple stems. 5 feet.

Secretaire Nicolas. Flowers rich salmon red, overlaid with orange; foliage pea green. 3½ feet.

15 cts. each; the set of 10 for $1.00; per 100, $8.00.

CALADIUM ESCULENTUM.

Caladium Esculentum.

Elephant's Ear.

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water, and an abundance of rich compost. Foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ feet wide.

Extra large bulbs, 12 to 14 inches in circumference, 50 cts. each.

First size bulbs, 10 to 12 inches in circumference, 35 cts. each; $3.50 per dozen.

Second size bulbs, 8 to 10 inches in circumference, 25 cts each; $2.50 per dozen.

Third size bulbs, 6 to 8 inches in circumference, 15 cts. each; $1.50 per dozen.

CALADIUM BATAVIENSIS.

Similar to Esculentum in form, but bearing dark green leaves with black stems. 15 and 25 cts. each; $1.50 and $2.50 per doz.

CHRYSANTHEMUMS.

A Selection of 20 of the Best of Recent Introductions.

Emily Ladenburg. Incurved Japanese, bloom of large size and high-built solid form; deepest crimson; nearest approach to black.

E. Hitzeroth. A magnificent extra large flower, petals broad and peculiarly arranged, completely filling centre. Bright lemon yellow, exquisite and novel form.

Golden Wedding. Of a rich golden yellow color, intense and dazzling. Flowers 10 to 12 inches in diameter, 4 to 6 inches in depth; petals broad and long, double to the centre without an eye.

H. L. Sunderbruch. Bright golden yellow of fine incurved form and large size.

Harry May. Flowers very large and deep; full double; forming a massive sphere; color, deep old gold with occasional reddish veins.

H. F. Spaulding. A grand Japanese variety of most novel shape and effect. Color rich apricot yellow shading to rose; centre petals clear yellow; bloom solid and double, high built, and of largest size.

Joey Hill. One of the largest varieties in cultivation; color deep cardinal red of beautiful shade, faced with old gold.

J. N. May. Extra large, deep ox blood red, color of Mrs. J. T. Emlin, but much larger and more double; reverse of petals shaded copper bronze; full and solid bloom. A magnificent acquisition.

Lillian Russell. A beautiful broad petaled, clear silvery pink, incurving and forming an immense round ball of largest size, an early flowering variety.

M. B. Spaulding. A grand clear deep lemon yellow, immense in size; petals incurving and interlacing; centre full and high without an eye; one of the most double flowers in commerce.

Maud Dean. Extra large flower, petals broad and incurving, perfectly double and of great substance; pink, almost rose.

Miss M. E. Simmons. A brilliant bright yellow, a most peculiar formed flower that pleases the eye; good strong grower.

Mrs. L. C. Madeira. A perfect compact globe of bright orange color; petals upright like unopened pointed quills; constitution strong; stems stiff; flowers large and of the heaviest substance.

Mrs. E. D. Adams. Very large; petals of medium width, outer one swirled, as if the flower had been turned swiftly on its stem; color pure white.

Mrs. J. W. Morrissey. A mammoth flower with full double centre, color silvery pink, inner surface of petals bright rose; a grand exhibition bloom.

Mrs. F. L. Ames. A large finely formed flower, of a brilliant golden yellow.

Marguerite Graham.

President Wm. R. Smith. A delicate pure pink, very heavy in substance, borne on strong stiff stems; a fine large well-formed flower.

Ruth Cleveland. A chaste and beautiful acquisition of large size; petals broad and cup-shaped; outer rows reflex, inner ones incurved, forming a high built centre of most delicate silvery pink.

Shenandoah. Magnificent broad flower, full and double to the centre, petals over an inch in width, color deep chestnut brown on both upper and lower surfaces, the entire bloom being a solid color without shading; novel and distinct.

The Queen. A grand double white, of fine size and great substance.

30 cts. each; the set of 20 varieties for $4.00.

Twenty-Five Exhibition Varieties of Established Merit.

This collection is a selection of the most prominent exhibition varieties; it embraces all the different shades of color and variety of forms, and is sure to give satisfaction.

Ada Spaulding. Habit most sturdy and robust; color distinct; the lower half of the flower being a rich deep pink, shading in upper portion to the purest pearl white.

Col. Wm. B. Smith. An immense double high built flower, petals very broad and large, forming a solid mass of the richest bright golden bronze.

Eva Hoyte. An immense double Japanese bloom of clearest and brightest yellow, a solid ball, full high built centre.

Edward Hatch. Flowers of immense size, almost spherical, outer petals slightly recurved, very double; the color is a soft lemon, suffused with pink.

Frank Thomson. A splendid flower, very nearly spherical in form; petals very broad and heavy, and finely incurving; it is very nearly white in color, only showing a touch of pearl-pink at the base of the petals.

George W. Childs. The best deep self-colored crimson variety in existence; flowers massive and of immense size, with broad stiff petals, rich dark velvety crimson, without a shade of brown or chestnut.

Harry E. Widener. Bright lemon-yellow without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support; incurving, forming a large rounded surface; petals crisp and stiff; very free in growth, but not coarse.

Harry Balsley. A magnificent variety, of a soft mermet pink in color.

Ivory. Snowy white, of perfect form, flowers very large; an early and free flowering variety of dwarf habit.

Kioto. Fine large yellow; a beautiful flower.

Lilian B. Bird. Flowers of the largest size, with full, high centre; petals tubular; the color is an exquisite shade of shrimp pink.

Marguerite Graham. This beautiful variety is of a pure white, incurved of most perfect form, flowers very erect on stout stems; when opening a pale lemon changing rapidly to pure white; a grand acquisition.

Miss Minnie Wanamaker. Creamy white, of very large size, and so much incurved as to resemble a white ball.

COL. W. B. SMITH.

CHRYSANTHEMUM.—
Continued.

Mrs. Irving Clarke. Pearly white on the margin, shading to deep rose in the centre, which is beautifully whorled; reflexed; very large and distinct.

Mrs. J. G. Whilldin. A handsome light yellow variety of splendid size and form.

Mrs. A. J. Drexel. Large-flowering, early variety; color crimson lake; form rounded into a half globe.

Mrs. J. N. Gerard. A splendid silvery pink variety of fine form, and a very popular sort.

Mrs. Craige Lippincott. A very rich yellow, flowers eight inches through; the petals are long, large and incurving; a most notable variety.

Mr. Hicks Arnold. A strong growing and floriferous variety, bearing large, full double flowers of an old gold color, spherical in shape.

Niveus. This is a perfect gem; color snowy white; flowers very large, without the least approach to coarseness. The centre is irregularly incurved, with the outer petals reflexing almost to the stem; constitution robust; foliage large and abundant, while the keeping qualities of the flowers are almost unsurpassed.

Roslyn. A superb clear mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, stem stiff and erect, covered with the most luxuriant foliage.

Robert Bottomly. A grand white variety, surpassing Moonlight in size and substance.

V. H. Hallock. Rosy-pearl, of a marked waxy texture; color deepening towards centre.

Viviand Morel. Extra large flowers; petals long and loosely arranged; a beautiful light shade of pink.

Wm. H. Lincoln. A magnificent golden yellow variety, straight, flat, spreading petals. An extra large flower, completely double, and of great substance.

20 cents each; $2.00 per dozen; the set of 25 varieties for $4.00.

A Selection of the Best Early Varieties.

The following is a selection of the earliest flowering varieties, and is especially suited for flowering without protection in the open garden in sections north of Philadelphia, where many varieties do not perfect their flowers except in unusually favorable seasons.

Alfred Salter. Large delicate pink.

Baron Beust. Bronzy orange; incurved.

Bouquet Fait. A most beautiful variety, with delicate rosy lilac flowers of good size, shaded silvery rose.

Leopard. Amaranth, dotted with white petals which are much twisted.

Cullingfordi. The brightest shade of crimson, a large and fine flower.

Diana. One of the very best whites in cultivation.

Duchess of Connaught. Silvery rose: extra fine.

Duchess. Rich deep red, each petal tipped with golden yellow.

Dr. Stryker. Beautiful rosy lilac, reverse of petals striped straw color when first opening, changing to a clear rose.

Gloriosum. Very fine light yellow, with immense flowers, having narrow and long petals, gracefully curved and twisted; very early and one of the best.

Jessica. White, very long petals, shows a lemon eye when fully expanded; a great bloomer.

John Collins. Very large flower; bronzy purple.

L. Canning. A singularly large and handsome pure white flower, of dwarf but vigorous and compact growth; a grand pot plant.

Miss Mary Weightman. A magnificent chrome yellow, in form loose and feathery, but very large and full. Early.

MR. HICKS ARNOLD.

CHRYSANTHEMUM—*Continued.*

Mrs. R. Elliott. A fine pure yellow flower; petals long, narrow and slightly drooping.

Puritan. One of the very finest white sorts in cultivation, large and free, and of a very good habit; a magnificent flower.

Source D'Or. Golden yellow, tipped and shaded brown; very regular and one of the very best.

Tokio. Rich bronzy crimson.

10 cts. each; $1.00 per dozen; set of 18 for $1 50.

LEOPARD.

A Selection of Twenty-five Good Old Varieties.

Advance. A beautiful shade of rosy pink; flowers of the largest size and very double.

Christmas Eve. One of the finest late flowering whites in cultivation, pure snowy white.

Elk's Horn. Pearl color; full and globular flower; somewhat resembles the horns of the elk.

Excellent. Very soft pink, somewhat resembling the color of the Mermet rose; very large, flat flower.

Elmer D. Smith. Color cardinal red, of a very rich pleasing shade, faced upon the back of the petals with clear chamois.

E. G. Hill. Immense bloom of brightest golden yellow, full and very double. Lower petals sometimes deeply shaded bright carmine.

Frank Wilcox. Erect petals, slightly toothed, rich golden amber, slightly shaded deep bronze.

G. P. Rawson. A superb double variety, very large, of an entirely new stock. Rich buff with centre petals of bright nankeen and apricot yellow.

John Lane. A magnificent pink ball in appearance; fine for pots, splendid for cutting. Color a rose pink, with peach or light shadings on under side of petals, ends of centre petals tipped with gold.

John Goode. This is a fancy cut-flower variety of almost globular form, of the finest silky finish, and destined to become a standard sort for cutting; the outer petals are delicate lavender, forming a decided band of color; the inner petals are clear lemon.

Jas. R. Pitcher. A large reflex flower of the Japanese type, very full and of great depth. Color light delicate blush, turning to pure white as the flower matures.

Louis Boehmer. Has the same remarkable hair-like growth or excrescences that appeared for the first time in the white variety, "Mrs. Alpheus Hardy," but it differs from it in color, being a *beautiful shade of lavender pink.*

Miss Mary Wheeler. Pearly white, the petals delicately tinted on outer edge with pale pink; of exquisite form; very beautiful.

Mrs. Alpheus Hardy. This wonderful Chrysanthemum has created a sensation wherever shown, being totally distinct from every other variety. It is pure white, of immense size, broad petaled, and incurved, the surface being downy, like loose-piled plush; the entire flower seems frosted with glittering white.

Mrs. Langtry. A perfectly formed flat flower, of unusual size and perfection. Snow-white in color, with broad bands or ribbon petals.

Mons. Boyer. Lilac rose; shaded white; curled florets.

Mrs. D. D. Farson. Size immense, solid and compact; color bright mermet pink.

Mrs. M. J. Thomas. Pure white, very broad petals, incurved.

Mermaid. A soft mellow pink, with deeper shading on the outer edge, while at the base it is of a deep cream; a fine incurving globular flower.

Mrs. Geo. Bullock. Flowers pure white, of the largest size, one of the best.

Rohallion. Rich yellow, deepening to chrome; petals long and twisted.

Sugar Loaf. This is a variety for everybody. It is the freest-growing and freest-flowering sort that we know, and under the most ordinary treatment produces quantities of flowers of the grandest size. The color is varying shades of yellow, often shaded bronze.

Thomas Cartledge. A magnificent variety of a distinct orange color, of large size.

W. W. Coles. A peculiar shade of terra cotta shaded brownish orange; large and distinct.

Victor. One of the very best flowers, exceptionally fine and most perfect in shape; in color it is a rich golden yellow slightly shaded with bronze.

15 cts. each; $1.50 per dozen; the set of 25 for $2.50.

Six Best Pompone Varieties.

Black Douglas. Brilliant crimson; good shape.

Golden Pheasant. Rich golden yellow; fine form.

M. Schmidt. Yellow tipped with crimson.

La Fiancee. Pure white, fringed; fine for cut flowers.

Princess Louise. Deep rose.

Princess Meletia. White fringed; fine.

10 cts. each; the set of 6 for 50 cts.

The very fine lot of Dahlias and Cannas came to-day in beautiful condition. I am more than pleased, I am delighted. Accept many thanks for your extreme liberality in extras. MRS. JULIA A. POWELL, Eurekaton, Tenn., April 21, 1893.

Plants to hand in excellent shape. They certainly are very fine, healthy plants; in fact, your plants always are. F. F. FILLMORE, St. Louis, Mo., July, 1893.

Plants and seed to hand and very satisfactory. The Cannas exceptionally fine. J. C. WILLIAMS, Montclair, N. J., March 11, 1893.

Plants arrived to-day in perfect condition. I am delighted with them and with your promptitude in filling the order. W. E. LEACH, Ventura, Cal., Oct. 10, 1893.

The box of plants arrived in due time and in excellent condition. They were beautifully packed, and came out looking as fresh as if just from the greenhouse. The Roses are looking well, and let me thank you for sending nice, large and healthy looking plants. Thanks for extras also. MRS. D. E. CONVERSE, Spartanburg, S. C., May 22, 1893.

CLERODENDRON BALFOURI.

CLERODENDRON BALFOURI.

A beautiful greenhouse climber and admirably suited for house culture; flowering most profusely with bright scarlet flowers, enveloped in a creamy white calyx. 25 cts. each.

CISSUS DISCOLOR.

A beautiful climber for hanging baskets, with mottled and marbled crimson and green foliage. 30 cts. each.

CESTRUM PARQUI.

CESTRUM PARQUI.

(Night Blooming Jasmine.)

A beautiful tender shrub of easy cultivation, with small greenish white flowers, of delightful fragrance which is dispensed during the night only. 15 cents each.

COBEA SCANDENS.

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. For covering arbors, trellises, etc., it is indispensable, as its dark green foliage and pretty flowers make it very attractive. 15 to 25 cts. each; $1.50 to $2.50 per dozen.

CROTONS.

Of this beautiful class of ornamental foliage plants we offer twelve of the finest varieties. 30 to 50 cts. each; $3.00 to $5.00 per doz.

CYANOPHYLLUM MAGNIFICUM.

A magnificent stove-plant, with beautiful foliage, upper surface rich velvety green, midrib and primary veins ivory white, under side reddish purple. $1.00 each.

CYCLAMEN PERSICUM GIGANTEUM.

A charming greenhouse bulb, which succeeds admirably in the house; flowers of good substance, lasting a long time in bloom, ranging in color from purest white to pink and crimson scarlet, foliage beautifully mottled. 30 to 50 cts. each. See page 52 for illustration and offer of seeds of some choice varieties.

CHLIDANTHUS FRAGRANS.

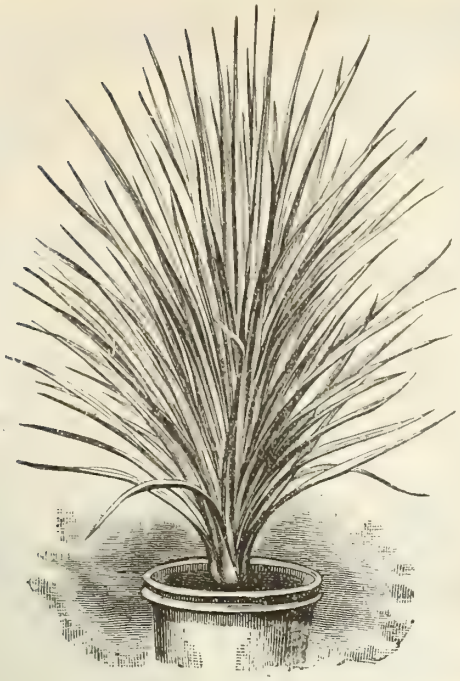
A rare bulb from Peru, which does exceedingly well either planted out during summer or in pots. It is a profuse bloomer, especially in the fall, flowers in clusters, upright, long and tubular, of a deep canary yellow and very fragrant. 20 cts. each; 3 for 50 cts.

Cycas Revoluta.

(Sago Palm.)

These are magnificent plants of noble and majestic habit, and most impressive. They are probably the most valuable decorative plants grown both for lawn and house decoration; their heavy glossy deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. We grow an immense stock of these, and can supply fine specimens at $5.00, $10.00, $15.00, $25.00 and $35.00 each. Small plants 50 cts. to $1.00.

CYCAS REVOLUTA.



Dracæna Indivisa.

DRACÆNAS.

Amabilis. Green, white and pale violet; strong plants. 50 cts. to $1.00 each.

Baptisti. Green, creamy-white flakes flushed with rose. 50 cts. to $1.00 each.

Goldeana. Irregularly banded with dark green and silver gray in alternate straight bands. $1.50 to $3.00 each.

Imperialis. A strong growing variety, with large deep rose and creamy white foliage. 50 cts. to $1.00 each.

Shepherdi. A strong growing variety, with deep green foliage, edged and striped with light green or yellow. 50 cts. to $1.00 each.

Terminalis. Rich crimson foliage marked with pink and white. 30 cts. to 50 cts. each.

Youngi. Light green changing to copper color. 50 cts. to $1.00 each.

DRACÆNA FRAGRANS.

A superb African species, with beautiful deep green leaves, lighter in the young growth. Though having no variegations or markings in the foliage, this is one of the most admired of the decorative species, its elegant habit and extremely beautiful lively coloring giving it marked value. It is a rapid grower, and for room adornment or as a vase plant for out-of-door use it is indispensable. 50 cts. to $1.00 each.

DRACÆNA LINDENI.

A beautiful variegated form of Fragrans, with broad green foliage and golden yellow stripes on the edges of the leaves. $1.50 to $5.00 each.

DRACÆNA MASANGEANA.

Another variegated form of the above with the variegation through the centre of the leaf instead of on the edges. $1.50 to $2.00 each.

DRACÆNA (CORDYLINE).

The Cordylines are especially well adapted for centres of vases, baskets, etc.; the bright green narrow foliage contrasting well with other foliage and flowering plants.

Australis. A very long, narrow, graceful foliage.

Indivisa. Long foliage; green, graceful.

Veitchi. Long foliage, brown streaked.

25 to 50 cts. each.

DIEFFENBACHIA BAUSEI.

A stove plant of easy culture, foliage yellowish green, margined and irregularly blotched with dark green, and profusely spotted with white. 50 cts. each.

Dracæna Imperialis.

NEW DOUBLE WHITE DAISY, SNOW CREST.

A most distinct variety and an improvement on all existing sorts. Its habit of growth and size of flowers, in comparison with older varieties, is gigantic. The flowers, which are borne on stout, stiff stems from 6 to 10 inches long, are of the purest white and full to the centre. When fully developed they rise to a conical or sugar-loaf form, and well-grown specimens will cover a silver dollar. It makes an admirable hardy garden plant or may be forced for cut flowers under the same treatment as violets. 10 cts. each; $1.00 per dozen.

EUCHARIS AMAZONICA.

A splendid hot-house plant, blooming nearly the entire season. It sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, delightfully fragrant. It is very highly prized in bouquets, baskets, etc. Pot in light rich soil, well drained; water freely in the growing season, giving a slight rest in fall. 30 cts. to 50 cts. each.

Double White Daisy Snow Crest.

DAHLIAS.

NEW CACTUS DAHLIA "NYMPHÆ."

(The Pink Water-Lily Dahlia.)

An entirely distinct and novel variety of perfect shape, producing flowers of large size, with heavy broad petals, those of the centre being somewhat cupped or incurved. The color is a clear, distinct, light-shrimp pink, shading slightly darker towards the outer petals, a color difficult to describe and which is rare in all plants. This peculiar color and its form have suggested the name, Water-Lily Dahlia.

Strong roots 35 cts. each; 3 for $1.00
" plants 25 cts. " 5 for $1.00

New Cut-Leaved Single Dahlia

ANNIE BARILLET.

A beautiful new variety with very rich scarlet, crimson flowers of the most perfect shape, with a deep purplish maroon foliage, contrasting finely with other light-leaved varieties. 30 cts. each; $3.00 per dozen.

SET OF 12 LARGE FLOWERING DOUBLE DAHLIAS.

A. D. Livoin. A beautiful soft pink of regular and most perfect form, petals beautifully quilled. An early and free bloomer.
Arabella. Yellow, tipped with pink and shaded bronze.
Bird of Passage. White, shaded with pink, and tipped with crimson.
Dandy. Maroon striped purple. **Madge Wildfire.** Rich, dazzling scarlet.
Nero. Crimson maroon; extra. **Penelope.** White tipped with purple.
Queen of the Yellow. A free-flowering fine yellow.
Ruby Queen. Ruby red, richly shaded.
Souvenir de Mme. Alfred Moreau. Flowers of immense size; lilac shaded pink. **Virgo Marie.** Fine pure white.
Wacht am Rhine. A peculiar shade of lilac.
Dry roots 25 cts. each; set of 12, $2.50. Pot plants 15 cts. each; set of 12 for $1.50.

SIX FINE SINGLE DAHLIAS.

Duchess of Fife. A beautiful variety of perfect form, of a bright clear amber, conspicuously edged with a reddish orange band.
Eclipse. Most perfect flowers, slightly recurved, of a pleasing rosy mauve and salmon, having a distinct band around the disc, which is of rich crimson, rendering it very attractive.
Isaac Pitman. One of the finest striped varieties and remarkably constant. The flowers are large, of fine form, lilac, conspicuously striped with crimson and maroon.
Kate. A bright orange maroon of a shade difficult to describe, and one of the most effective of the high colored sorts.
Maude. Pure white, each petal distinctly margined with a broad band of maroon; a remarkable blending of colors, and extremely effective.
Nance. Of medium size, perfect in form, and of a most pleasing shade of mauve.
Dry roots 25 cts. each; set of 6 for $1.25. Plants 15 cts. each; set of 6 for 75 cts.

Dahlia Nymphæ.

TWELVE BEST CACTUS DAHLIAS.

Beauty of Arundel. Glowing crimson, the tips of the petals shaded with bright, rosy purple.
Harry Freeman. A most beautiful, glistening, snow-white, of good form and substance.
Honoria. Distinct from all other sorts; a peculiar shade of amber.
John Bragg. Color of the richest black maroon; flowers of good size, raised well above the foliage.
Marchioness of Bute. Pure white, with bright, rosy tips to each petal; very attractive.
Mrs. Glasse. Crimson maroon shading to scarlet towards the centre; very dwarf.
Mrs. Hawkins. Of close, neat habit; rich sulphur-yellow shading lighter towards the tips and slightly tinted red; a lovely flower.
Miss Barry. Deep rosy lake; a shade quite new in this type of Dahlia.
Oban. A beautiful, delicate fawn color.
Panthia. Rich reddish salmon, peculiar and striking.
Professor Baldwin. Bright orange scarlet.
Robert Maher. A rich golden yellow; the best of its type.

Dry roots 25 cts. each; $2.50 per dozen.
Plants 15 cts. " $1.50 "

TWELVE BEST POMPONE DAHLIAS.

Ariel. Rich, clear orange buff, of perfect shape.
Catherine. Bright yellow, very distinct.
Crimson Beauty. Finest crimson.
Dandy. Crimson purple, small and pretty.
E. F. Jungker. Amber, small, compact flower.
Grace. Cerise shaded with lilac.
Guiding Star. One of the very finest whites
Leila. Reddish buff, tipped with scarlet.
Mignon. Very bright crimson scarlet.
Prince of Liliputians. Deep maroon.
Vivid. Bright orange scarlet, fine form, very free.

Dry roots 25 cts. each; $2.50 per dozen.
Plants 15 cts. " $1.50 "

ERYTHRINA CRISTA-GALLI.

ERYTHRINA CRISTA-GALLI.

(Coral Plant.)

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes 18 inches long. Planted in May they will flower profusely through the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. 25 cents each; 5 for $1.00; 12 for $2.00. A limited number of strong 3-year-old plants $1.00 each.

FICUS.

Ficus Elastica. The well-known India-Rubber Tree, one of the very best plants for table or parlor decoration; its thick leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always presents a cheerful aspect. Fine plants 50 cts., 75 cts., and $1.00 each.

Ficus Elastica Variegata. This is undoubtedly one of the finest decorative ornamental foliage plants of late introduction. In habit and growth it is like the ordinary *F. elastica*, but the leaves of this novel plant have a pleasing yellow variegation throughout. In every respect a most charming plant. Fine plants $1.00 to $1.50 each.

Ficus Repens. A trailing or creeping variety with small foliage, useful for baskets. 25 cents.

FICUS ELASTICA.

FICUS ELASTICA VARIEGATA.

FUCHSIA, MRS. E. G. HILL.

FUCHSIAS.

*Varieties marked with an * are double.*

Arabella. White tube and sepals, rose corolla; early.
Black Prince. Bright waxy carmine, pink corolla.
***Elm City.** Crimson sepals, fine dark corolla.
***Mrs. E. G. Hill.** Rich crimson, white corolla.
***Phenomenal.** Rich crimson, corolla full and double.
Carl Halt. Sepals white, corolla crimson striped white.
Duchess of Albany. White, rosy crimson corolla.
General Roberts. Corolla rich plum color, tube and sepals crimson; the blooms are four inches long.
***Jupiter.** Sepals coral red, corolla violet blue.
Monsieur Thibaut. Flowers very large, sepals dark red, corolla vermilion-tinted violet.
***Trophee.** Sepals clear red, double violet corolla.
***Ulysse Trelat.** Large bright red sepals, large double corolla white suffused with rose.

15 cts. each; the set of 12 for $1.50.

NEW DWARF FUCHSIA "LITTLE BEAUTY."

This charming variety is a perfect gem, and is undoubtedly the freest flowering Fuchsia ever introduced, beginning to bloom when only two inches high, and continues in flower the year round. As many as one hundred and fifty open flowers and buds have been counted on a single plant in a four-inch pot at one time. The flowers are of fair size, being 1½ inches long, with bright red tube and sepals and purple corolla.

30 cts. each; 4 for $1 00.

FARFUGIUM GRANDE.

A beautiful ornamental foliage plant either for pot culture or for planting in the open border in a shaded position; the leaves, from 8 to 10 inches in diameter, are of a thick leathery texture, dark green in color, with bright yellow spots. 25 cts. each; $2.50 per dozen.

LAPAGERIA.

Most beautiful greenhouse climbers, bearing large pendant waxy flowers.

Lapageria Rosea. Rich rosy crimson. $2.50 each.
— Alba. Pure waxy white. $4 00.

FERNS.

No collection of plants is complete without Ferns. The selection we offer embraces the best varieties of this beautiful class of plants, whose diversity and gracefulness of foliage make them peculiarly fitted to combine with other fine plants and flowers.

The popularity of Ferns has increased wonderfully in the past few years, and they are now indispensable in all choice floral decorations, and are especially valued for ferneries for room and table decoration.

Where there is moisture and shade most of the varieties succeed well when planted out-of-doors; they delight in a light soil mixed with sand and peat or leaf mould; good drainage must be provided, as stagnant water is fatal to success.

Davallia Stricta.

ADIANTUMS—(Maiden-Hair Ferns)

Adiantum Anitiense. A strong upright growing variety, with deep green leathery foliage. 25 cts.

— **Bellum.** A beautiful variety, with tufted fronds about 4 inches long. 15 cts.

— **Concinnum.** Light green, recurving. 15 cts.

*— **Concinnum Latum.** Similar to the above, but of erect habit. 15 cts.

*— **Cuneatum.** The popular Maiden Hair. 25 to 50 cts.

*— **Cuneatum Grandiceps.** A very beautiful form of A. Cuneatum, having long graceful fronds, with the ends of the fronds developed into bunching tasselled heads; a distinct and lovely variety. 25 and 50 cts. each.

*— **Decorum.** A strong growing variety, with bronzy foliage. 15 cts.

*— **Dolabriforme.** A remarkable Fern of peculiar creeping habit, with long drooping fronds, at the ends of which young plants form; admirably adapted for growing in hanging-baskets. 25 cts.

— **Elegans.** 15 cts.

— **Farleyense.** This is the finest of all the Maiden Hair varieties. 50 cts., $1.00, $2.00 each.

*— **Gracillimum.** Smallest and most graceful Maiden Hair. 25 cts.

— **Lathomii.** 50 cts.

— **Le Grandi.** Dwarf, compact, fine foliage. 15 cts.

— **Macrophyllum.** Foliage large, of a bronzy crimson color in the young state, changing to deep green; one of the best. 50 cts.

Davallia Fijiensis Plumosa.

***Adiantum Pubescens.** A useful basket variety. 15 cts.

— **Pulverulentum.** 15 cts.

— **Rhodophyllum.** An elegant dwarf growing species with large bronzy foliage. 50 cts.

— **Trapeziforme.** A splendid large-leafed species, growing about 2 feet high. 50 cts.

— **Wiegandi.** A pretty little species, with peculiarly crested and overlapping pinnæ. 25 cts.

Actiniopteris Radiata. A pretty, small tufted species, not unlike in growth to a miniature Fan-Palm; this species requires a high temperature to be well grown. 25 cts.

Asplenium Belangeri. An easy growing species, with pretty divided pinnæ. 25 cts.

— **Biforme.** 25 cts.

— **Grande.** 25 cts.

— **Luxum Pumilum.** 25 cts.

Alsophila Australis. Australian tree-fern, a very rapid growing species. 25 cts. and 50 cts.

Blechnum Braziliense. A strong growing species, useful for decorative purposes. 25 cts.

Cibotium Glaucum,
" **Regale,**
" **Schiedei,**
} Splendid Tree Ferns. 50 cts. to $1.00 each.

Cyathea Medullaris. A very choice and rare tree-fern. 50 cts. to $2 00.

Cyrtomium Falcatum. 15 cts.

*— **Caryotidium.** 15 cts.

— **Fortunei.** 15 cts.

Lastrea Aristata Variegata.

Davallia Fijiensis Majus. Useful for baskets. 25 cts.

Davallia Pentaphylla. A pretty creeping variety, with dark, shining foliage. 50 cts.

***Davallia Stricta.** One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out; the fronds are of a strong texture and of a beautiful shade of green. 25 and 50 cts.

Davallia Fijiensis Plumosa. A charming evergreen Fern, with gracefully arching fronds, of easy and rapid growth. 25 to 50 cts. each.

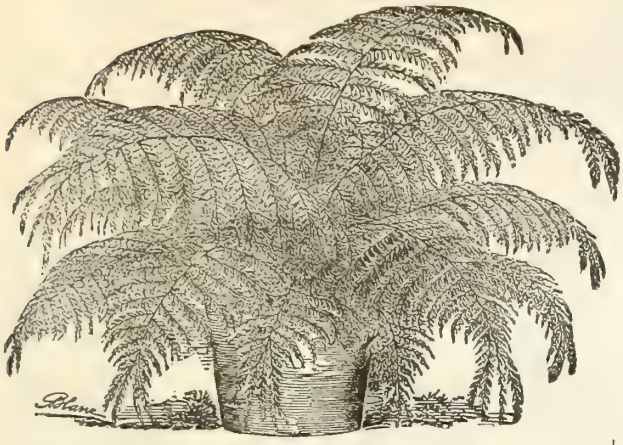
Davallia Mooreana. An elegant exhibition Fern of rapid growth. 50 cts.

***Dicksonia Antarctica.** 25 cts.

Didymochlœna Truncutula. 25 cts.

Doryopteris Nobilis. 50 cts.

FERNS—*Continued.*



Microlepia Hirta Cristata.

Gymnogramma Argyrophylla. Silver Fern. 15 cts.
— **Sulphurea.** Sulphur Fern. 15 cts.
— **Schizophylla.** 15 cts.
***Lastrea Aristata Variegata.** This most beautiful variety has a broad band of yellowish green running through the pinnules; very ornamental. 25 cts.
Lastrea Multifida. A pretty species, with finely crested pinnæ. 15 cts.
Lastrea Opaca. A pretty species with dark green triangular foliage. 15 cts.
***Lomaria Ciliata.** A dwarf Tree-Fern. 15 cts.
Microlepia Cristata. A most useful decorative Fern, indispensable in any collection. 25 to 50 cts.

Nephrolepis Davalleoides Furcans. A beautiful and distinct crested variety, with numerous arching fronds 3 to 4 feet long. 50 cts. to $2.00.
Nephrolepis Duffii. A very distinct and remarkable fern, of a close tufted habit, producing numerous fronds of a peculiar character, and exceedingly ornamental. 25 cts.
Nephrolepis Exaltata. The Sword Fern. 15 to 25 cts.
— **Rufescens Tripinatifida.** A beautiful variety of robust growth, producing gracefully arching fronds from four to five feet long. 50 cts.
Nephrodium Hertipes.
***Onychium Japonicum.** 15 cts.
***Polystichum Coreaceum.** 15 cts.
Polystichum Prolifera. 25 cts.
***Polypodium Aureum.** Large foliage of a distinct bluish color. 15 cts.
*— **Fraxinellifolia.** 15 cts.
***Pteris Argyrea.** One of the most useful Ferns for all purposes, large, bold foliage, with broad band of white through the centre of each frond. 15 cts.
*— **Cretica Albo-Lineata.** A pretty and useful variegated variety. 15 cts.
*— **Cretica Magnifica.** Beautiful crested fronds. 15 cts.
*— **Hastata.** A useful variety, with black stems and dark green fronds, fine for baskets. 15 cts.
*— **Leptophylla.** Silvery-green foliage. 15 cts.
— **Tricolor.** A beautiful variegated variety. 25 cts.
— **Mayii.** 25 cts.
*— **Palmata.** Bold, deep green foliage. 15 cts.
*— **Serrulata.** A useful basket Fern. 15 cts.
*—**Serrulata Cristata.** A pretty crested Fern. 15 cts.
— **Serrulata Cristata Nana Compacta.** A very dwarf variety; makes a beautiful specimen plant. 15 cts.
*— **Sieboldi.** 15 cts.
*— **Owrardi.** 15 cts.
*— **Tremula.** Well known and useful Fern. 15 cts.

The varieties marked with an * are such as we grow in very large quantities in 2½ inch and 3 inch pots. They are sorts that are best adapted for planting in fern dishes for table decoration. We can supply these varieties in quantities of not less than 25 plants (2½ inch pots) at $8.00 per 100; (3 inch pots) at $10.00 per 100.

We will furnish the entire collection of Ferns, 77 varieties, which includes one each of the new varieties, for $12.00.

We can also supply specimen plants grown in 10 to 12 inch pans, which make beautiful plants for decorative purposes, of nearly all the above varieties, at from $1.00 to $3.00 each.

NEW FERNS.

ADIANTUM CUNEATUM VARIEGATUM.

A new variegated variety of the common Maiden-hair Fern (*A. cuneatum*), having the same free growth and graceful habit as that popular and well-known variety. The beautiful green and white variegation of the foliage gives the plant a unique and charming appearance. 50 cts. each.

ONYCHIUM AURATUM.

A most desirable species, with very finely divided pinnæ, and excellent for table decoration or exhibition purposes. 50 cts. each.

PTERIS TREMULA SMITHIANA.

A crested form of the well-known *Pteris tremula*, with large deep green fronds, with the ends of the pinnæ crested and tasseled, forming semi-pendent tufts. The whole plant presents a unique but graceful appearance, and will make one of the best large growing Ferns in cultivation, especially for exhibition purposes. 50 cts. each.

PTERIS VICTORIA.

A most remarkable and beautifully variegated Pteris, and undoubtedly one of the most striking and desirable Ferns of recent introduction. The foliage is neatly divided, the sterile fronds being much wider than the fertile ones, thus giving the plant a most chaste and lovely appearance. The fronds are of a rich green color, with beautiful silvery white variegation. Our stock of this variety being very large enables us to offer it at a popular price. 15 cts. each.

New Variegated Fern, Pteris Victoria.

GERANIUMS.

SIX NEW SINGLE VARIETIES.

The following varieties are the most select of the introductions of the past two seasons and are sure to please.

Ensign. A marvellous bedding variety; the superior of any variety for producing bloom, covered the entire summer with large trusses of bright scarlet, upper petals rosy scarlet, lower petals deep scarlet.

Gettysburgh. Bright crimson maroon of beautiful shade, flower very large and of fine form.

Mrs. J. M. Gaar. Absolutely perfect as a bedding variety, of pure white color, and in freedom of bloom equal to the very best scarlet bedders.

T. G. Cobb. A beautiful shaped flower with overlapping petals, the two upper ones being white one-half the distance from the centre, the other half is bright pink, the other three petals are bright pink dotted near the centre with many points of bright red.

Th. Lavalle. Extremely floriferous, large trusses composed of large round flowers; pure salmon, the centre mottled with white.

Wedding Ring. Very high shade of orange scarlet; flower of fine circular form.

25 cts. each; the set of 6 varieties for $1 00.

TWELVE BEST SINGLE GERANIUMS.

Athlete. Flowers and trusses very large, of a bright clear scarlet, small white eye.

Gen. Grant. A favorite scarlet for massing.

John Salter. Salmon tipped with white.

Mrs. E. S. Hill. Trusses of immense size, bright salmon with white centre.

Mr. George Smith. A fine pure salmon.

M. Poirier. Carmine violet, upper petals marked with rich violet.

Perel. Finest pure white.

Queen Olga. The best pink bedder.

Souvenir de Mirandé. Upper petals creamy white, rosy pink border; lower petals salmon rose streaked with white.

R. Masson. One of the finest deep crimson bedders.

Sam Sloan. Velvety crimson with immense trusses.

Univers. Very dark crimson scarlet of a beautiful dazzling shade; florets extra large.

15 cts. each; set of 12 for $1.50; per 100, $8.00.

SIX NEW DOUBLE GERANIUMS.

Alfred Tennyson. A most pleasing shade of vermilion red, absolutely perfect in shape, contour and make up; trusses exceptionally large and borne in immense spherical balls, often measuring eight inches in diameter.

Henri de Bornier. The finest double white yet introduced. A strong, vigorous grower.

J. J. Harrison. Brilliant scarlet, florets of enormous size; habit all that could be desired.

Leonard Kelway. Glowing carmine, very bright and attractive, the petals showing a peculiar gloss.

Mme. Jovis. A very beautiful variety, color bright rose at the centre, with a wide border of flesh color or white; florets of the very largest size.

Prof. Poirault. Trusses of the very largest size, florets large and of a brilliant violet color, the upper petals distinctly marked with orange.

25 cts. each; the set of 6 varieties for $1.00.

TWELVE BEST DOUBLE GERANIUMS.

Bruanti. Best scarlet bedder in cultivation.

Beaute Poitevin. Brilliant salmon of immense size; the best of its color.

Catulle Mendes. Purplish rose of a beautiful tint, upper petals marked with white.

Geo. Thorpe. Of the most intense crimson; very free, a good bedder.

Golden Dawn. Rich orange, shaded salmon; the nearest approach to yellow yet sent out.

La Favorite. Finest double white.

La Pilote. Brilliant crimson scarlet, full and free; a grand bedder.

Mrs. Hayes. Best pink bedder, large truss.

Maggie Hallock. Deep salmon pink.

Montesquii. Rosy mauve with lilac shadings, distinct.

Queen of Fairies. Rosy blush; very free.

Wilhelm Pfitzer. A beautiful bright apricot color, entirely distinct.

15 cts each; the set of 12 for $1.50; per 100, $8.00.

VARIEGATED GERANIUMS.

As an ornament for the parlor or conservatory, or for bedding purposes, nothing excels this class of beautiful plants; the flowers are quite an attractive addition to the richness of foliage.

Bronze Model. Golden bronze type, splendid dark zone on a yellow ground; scarlet flowers.

Golden Harry Hieover. Golden bronze type; small leaf with dark chocolate zone on bright yellow ground.

Happy Thought. Large yellow blotch in the centre of the leaf, with an outer band of green in the margin; flowers rich rose; habit dwarf. A good bedder.

Mrs. Pollock. One of the most beautiful of golden tricolors; bronzy scarlet zone, golden edge, scarlet flowers.

Mountain of Snow. Silver edge; vigorous grower.

20 cts. each; $2.00 per doz.; set of 5 for 75 cts.

Twelve Best Double Ivy-Leaved Geraniums.

The improvements in this class of plants for the past few years are very striking. The list we offer is a selection of the very finest new and old varieties.

Berthelot. Flowers of a magenta shade, beautiful round pips, and very double; habit short-jointed.
Camille Flamarion. Large, full, cup-shaped flowers, of a deep rose color.
Count de Choiseul. Rich cherry pink.
De Quatrefages. Large open flowers of a bright shade of violet-magenta.
Eden Marchii. Pinkish crimson, large flowers.
Eurydice. Rose mauve, shaded red; very double.
Jeanne D'Arc. One of the finest pure white.
La Rosiere. Bright pink.
Le Prophete. Rosy red.
M. de Lesseps. A delicate shade of pink.
Robert Owen. Rosy red, very double.
Souvenir de Chas. Turner. Deep pink, feathered maroon in the upper petals; immense trusses. 15 cents each; set of twelve varieties $1.50.

Double Ivy-Leaved Geranium.

NEW SEMI-DOUBLE IVY-LEAVED GERANIUM.

P. CROZY.

A most distinct and pleasing variety, being the nearest approach to a scarlet yet introduced; habit of plant very dwarf and compact, and one of the most prolific flowering sorts in existence. 25 cts. each.

SCENTED GERANIUMS.

Apple. **Mrs. Taylor.** **Rose.**
Shrubland Pet. **Variegated Rose.**

15 cts. each; $1.50 per doz.; set of 5 for 60 cts.

The Moonflowers.

IPOMŒA NOCTIFLORA.

If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of 40 feet by October 15th, blooming abundantly the entire season. It is called "Moon Flower" from its rare peculiarity of blooming best at night, although it also expends its flowers in dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich Jessamine-like odor at night. 15 cts. each; $1.50 per doz.

BLUE DAWN FLOWER.

(Ipomœa Learii.)

This makes a splendid companion to plant with the white "Moon Flower." The flowers are the most intense violet-blue, with reddish purple rays, and are six inches across. There is nothing of its color that exceeds in richness the flowers of Ipomœa Learii. 15 cts. each; $1.50 per doz.

IPOMŒA MEXICANA, OR PALMATA.

A distinct and pretty Mexican species, bearing fine clusters of large purplish rose-colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandas, etc., it is invaluable; being tuberous-rooted, it may be wintered like a Dahlia. 15 cts. each; $1.50 per doz.

Heliotrope, Queen of the Violets.

HELIOTROPES.

Chieftain. Lilac, large truss.
Madame de Blonay. Large truss, nearly pure white.
Queen of the Violets. Of the deepest violet-purple, with large, almost pure white eye, and very fragrant.

15 cts. each; $1.50 per doz.; set of 3, 40 cts.

NEW HELIOTROPES.

Comtesse de Mortemarte. Very fine flowering and exceedingly sweet; dark velvety blue, with white eye.
Mireille. Florets of immense size, very delicate pearl.
Madame Ad. Dubouche. Trusses of enormous size, soft and mossy looking; color velvety violet.

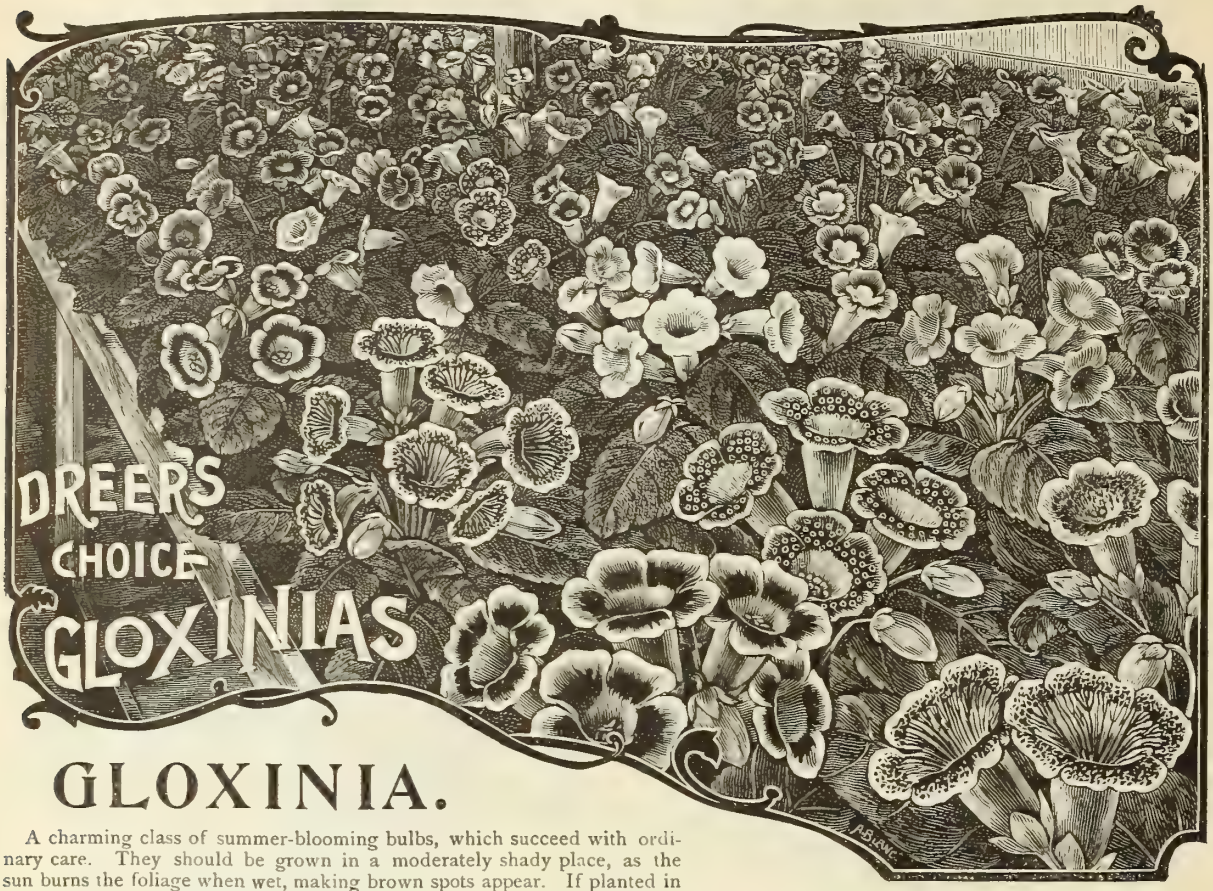
25 cts. each; the set of 3 for 50 cts.

JASMINUM.

Jasminum Gracillimum. Exceedingly floriferous; a flowering shoot is produced from every joint, which terminates in a dense cluster of pure white fragrant flowers; in bloom from Oct. to Feb. 30 cts. each.
Jasminum Grandiflorum (*Star Jasmine* or *Catalonian Jasmine*). This variety is an old favorite and undoubtedly the most satisfactory for general culture; it flowers almost the entire season and is especially valuable as a house plant in winter; pure white, deliciously scented. 25 cts. each.
— **Grand Duke.** Large double white, imbricated flowers; fragrant. 30 cts. each.
— **Sambac.** Creamy white fragrant flowers. 30 cts. each.

The set of 4 varieties, one of each, for $1.00. Extra strong 2 years old plants 50 cts. each; 3 for $1.00.

Jasminum Grandiflorum.



GLOXINIA.

A charming class of summer-blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames, they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand in equal parts, they require but little heat or water until they show signs of growth, when the quantity of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a green-house.

Crimson Queen. Flowers erect, of very large size, throat deep crimson, pure white lips.
Glow. Flowers erect, pure white throat, with crimson spots; lips rich glowing crimson.
Jenny Lind. Flowers erect, rich deep purplish blue.
Marvel. Flowers erect, purple lips, throat white, spotted purple.
Punctata Elegans. Flowers erect, pure white, minutely spotted with bright crimson; lovely.
Purple Gem. Erect, pure white lips, throat deep purple.
Sappho. Flowers erect, rich dazzling crimson.
Seraph. Flowers erect, porcelain blue, throat pure white.
Spotted Gem. Erect flowering, pure white, minutely spotted with royal purple; a distinct and pleasing variety.
Triumphant. Flowers erect, of a bright rosy crimson color, throat pure white, minutely spotted with deep crimson.
30 cts. each; the set of 10 varieties for $2.50.

GLOXINIA, WHITE LADY.

A new strong growing variety, with large pure white flowers; a decided acquisition. 50 cts. each.

MIXED GLOXINIAS.

These comprise all shades of color and erect, horizontal and pendulous flowers; for those who do not care about special color they will be found very desirable, as only fine varieties have been kept, the poor and dull colors having been discarded.
20 cts. each; $2.00 per dozen.

We have made a specialty of the Gloxinia for many years, and have added all the improved strains as they have appeared, until our collection is unsurpassed either in this country or abroad. The named varieties we offer are specially good, and our mixtures include flowers of lovely form and hue

GARDENIA FLORIDA.

(Cape Jessamine.)

A popular well-known plant with delightfully fragrant pure white flowers, blooming from May to July.
25 to 50 cts. each.

GENISTA FRAGRANS.

A most desirable spring flowering plant, producing its fragrant bright golden yellow flowers in the greatest profusion. As a window plant of the easiest culture it is unsurpassed.
First size, 50 cts. each; 3 for $1.00.
Second " 30 " " 4 " 1.00.

GESNERA.

(Nægelias.)

The value of Gesneras as decorative plants can scarcely be overestimated. Most of them have rich velvet-like foliage, which in the respective kinds varies from green to crimson; besides this, they produce splendid pyramidal spikes of flowers. They require similar treatment to the Gloxinia. 15 cts. each; $1.50 per dozen.

GESNERA.

GLADIOLUS.

New Giant Gladiolus.

The most attractive of all summer flowering bulbs are the Gladioli. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our list comprises only the best selections, both in our mixtures and named sorts. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant six inches apart in beds or double rows, and three inches deep. They are very effective when planted among roses, shrubbery, etc.

Snow White. The best White Gladiolus. The flowers are of fine shape, large in size, and of a pure paper white color. The spikes are large and set thickly with flowers. 20 cts. each; $2.25 per doz; $15.00 per 100.

	Each.	Per Doz.	Per 100.
Scarlet and Crimson Varieties, Mixed	5 cts.	$0.30	$2.00
White and Light Varieties, Mixed	5 "	.50	3.25
Yellow Varieties, Mixed	5 "	.50	3.25
Pink and Variegated Varieties, Mixed	5 "	.40	2.50
All Colors, Mixed	5 "	.30	2.00
Extra Choice, Mixed	5 "	.40	2.50
Lemoine's Butterfly Gladiolus, Mixed	5 "	.50	3.50

Brenchleyensis. Brilliant scarlet. This fine old variety is unsurpassed for planting in masses or groups in the background of borders, or amongst shrubbery. 5 cts. each, 30 cts. per doz., $1.50 per 100.

Ceres. An excellent contrast to Brenchleyensis, ground color pure white, spotted with purplish rose. 5 cts. each, 30 cts. per doz., $2.00 per 100.

Chrysolora. Golden yellow, pure and distinct. Finest yellow variety. 10 cts. each, $1.00 per doz.

Isaac Buchanan. Pure yellow; best for massing. 10 cts. each, $1.00 per doz., $6.00 per 100.

Shakespeare. White, slightly suffused with carmine rose, large rosy blotch. 10 cts. each, $1.00 per doz.

LEMOINE'S NEW HYBRID SPOTTED GLADIOLI.

Many of our customers doubtless took notes of the magnificent varieties of new Hybrid Gladiolus exhibited by M. Lemoine, the famous French hybridizer, in the World's Fair grounds last summer.

We have procured direct from M. Lemoine some of the finest and most distinct of these remarkable varieties, which we offer herewith.

Abbe Froment. Rich crimson, with sulphur blotches in lower petals, very large flower. $1.25 each.

Admiral Gervaise. Buff salmon with purple blotches, very fine. 50 cts.

Beaurepaire. Rich, deep pink, spotted violet, large flowers. 50 cts.

Ferdinand Bergman. Salmon, with maroon spots, long spike, early. 50 cts.

Gil Blas. Copper red, spotted scarlet and yellow, very early. 50 cts.

Hugo de Vries. Pale lilac, large violet blotches with a sulphur edge, unique. $1.50.

J. H. Krelage. Crimson, spotted brown with white lines and dots, early. 75 cts.

Madame Alphonse Daudet. White, with flame colored spots, fine flower. $1.00.

Madame Lemoinier. Pale yellow, lower petals spotted blood red, fine, early. 35 cts.

Nuee Bleue. Medium sized flowers, violet blue with darker spots. 75 cts.

Pactole. Beautiful yellow, tinged with rose and blotch of a darker shade. 50 cts.

Vesuve. Deep fiery red, the throat and lower petals deepening to black. 35 cts.

GLADIOLUS HYBRIDUS NANCEANUS.

(New Giant Gladiolus.)

A magnificent new race of extraordinary size and remarkable beauty produced by crossing Saundersoni and Lemoinei. These new varieties are twice the size of the Gladiolus Gandavensis varieties, while possessing their long lasting properties and the beautiful markings of the Lemoinei section.

Charles Baltet. Bluish violet, spotted maroon, with a white throat, large flower. 50 cts. each.

Comte Horace de Choiseul. Enormous flowers, of a brilliant shade of light scarlet tinged with orange, distinct purple blotch surrounded with a yellow band. 50 cts. each.

Dr. H. P. Walcott. Very large flowers, of perfect shape and very open, bright madder, lower petals speckled with maroon at the throat, with a large light yellow blotch in the centre. 50 cts.

Harry Veitch. Magnificent flowers of deep velvety red, lower petals blotched with light yellow and spotted maroon. $1.00.

Maurice de Vilmorin. A remarkable color; the general tint is slate blue flushed with violet, slightly striped with violet on the edges. 50 cts. each.

Monsieur Lefebvre. Very large, carmine red flowers, throat sulphur yellow spotted red, early. 50 cts.

President Carnot. Flowers of enormous size, rich cherry red striped carmine, the lower petals marked with a fiery red blotch surrounded with deeper red spots on a straw colored ground. 75 cts.

Professor Lambin. Lilac mauve, large yellow blotches surrounded with yellow, a remarkably large flower. $1.00.

Robert Lindsay. Enormous flowers of a bright orange shade, large crimson blotches on a yellow ground. $1.00.

HYDRANGEAS.

HYDRANGEA OTAKSA.

A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decoration.

First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1.00.

Hydrangea, Red Branched.

HYDRANGEA, RED BRANCHED.

This is one of the finest varieties in cultivation, with dark red branches that brighten as they near the flower trusses. The plant is of robust habit, and produces freely immense heads of deep rose colored flowers.

First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1.00.

HYDRANGEA ROSEA.

Similar in habit and growth to the popular Thomas Hogg, except in color, which is a bright rosy red.

First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1 00.

Hydrangea Stellata Fimbriata.

HYDRANGEA STELLATA FIMBRIATA.

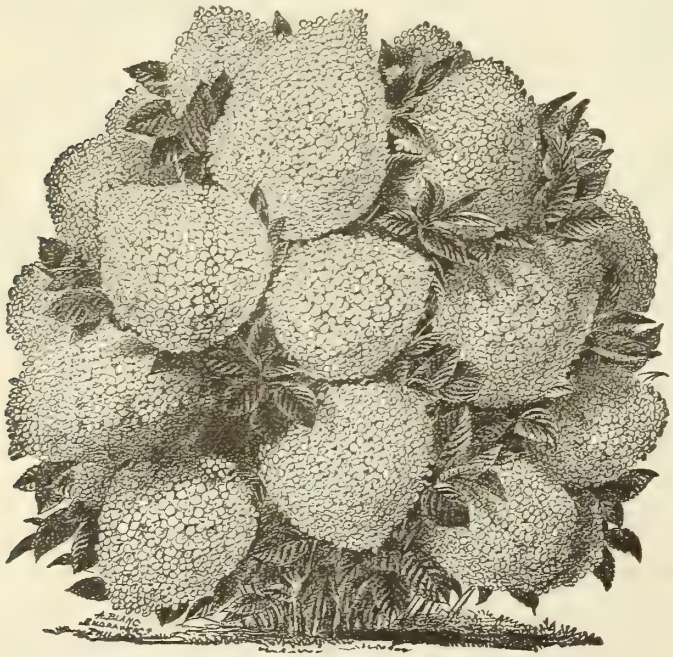
The flowers are produced in large trusses, and are of the purest white; each floret is neatly fringed and has a distinct crimson spot in the centre.

First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1.00.

HYDRANGEA THOMAS HOGG.

Large pure white flowers which, on well grown plants, measure more than 12 inches in diameter. Is quite as hardy as the other garden sorts.

First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1.00.



Hydrangea Paniculata Grandiflora.

HYDRANGEA HORTENSIS.

An old favorite, producing large heads of pink flowers in great profusion; the color may be changed to a beautiful blue, by mixing the iron scales from a blacksmith's shop among the soil. Hardy with protection.

First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1.00.

HYDRANGEA HORTENSIS VARIEGATA.

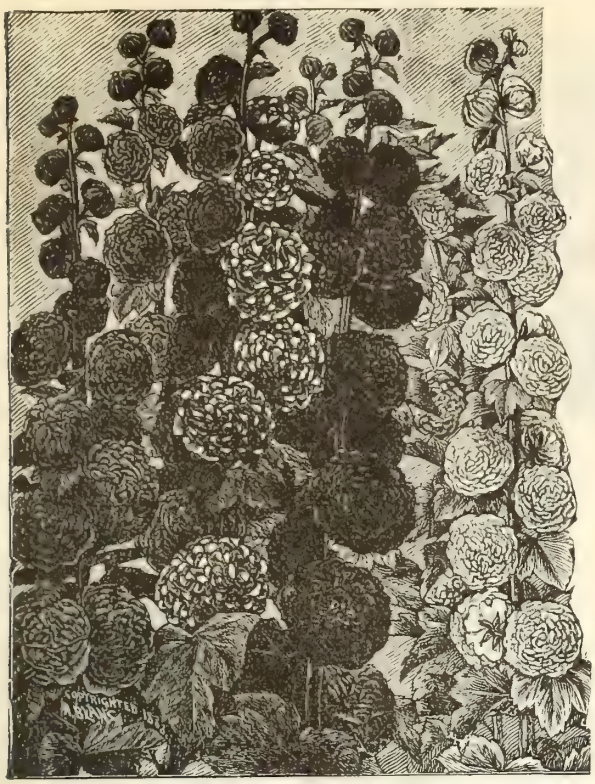
An exceedingly ornamental plant; the leaves are deep green, margined with pure white; fine for shady positions.

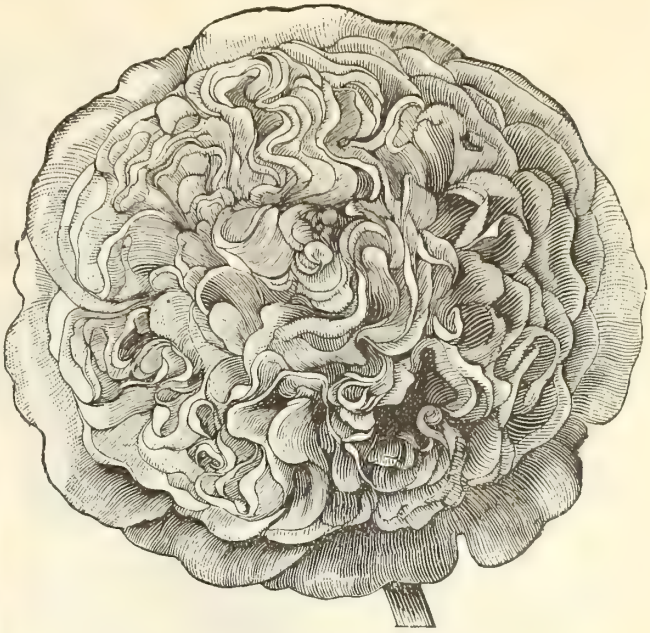
First size 50 cts. each; 3 for $1.00.
Second size 30 cts. each; 4 for $1.00.

HYDRANGEA PANICULATA GRANDIFLORA.

This is the finest hardy shrub in cultivation, and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks.

25 cts., 50 cts. and $1.00 each, according to size.





DREER'S SUPERB HOLLYHOCKS.

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial.

We offer 6 distinct colors in strong plants that will flower the first season. 25 cts. each; $2.50 per doz.
Strong, young plants, a fair percentage of which will flower the first season. 15 cts. each; $1.50 per doz.

IMPATIENS.

Impatiens Sultani. Of compact, neat habit, and a perpetual bloomer; the flowers are of a peculiar brilliant rosy scarlet color, 1½ inches in diameter, and produced very freely. 15 cts. each; $1.50 per dozen.

LANTANAS.

One of the best summer-flowering plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants that bloom more continuously or afford a greater variety of color. When grown with a single stem and trained as standards, with fine bushy tops and straight stem, they present an effect that is surpassed by few plants.

Comtesse Morny. Blush and rose.
Craig. Rich orange carmine.
Favorita. Yellow merging into crimson.
Imperatrice Eugenie. Blush and white.
Perfection. Green foliage, variegated with yellow lilac flowers; very showy and constant.
Queen Victoria. Fine white.

15 cts. each; $1.00 per doz.; set of 6 for 60 cts.

LYCOPODIUM, or SELAGINELLA.

The following list comprises the most popular varieties of this useful class of plants; all will be found especially suited to use in connection with Ferns and other decorative plants.

Denticulatum. Denticulatum Variegatum. Martensi. Krauseanum. Plumosum. Wildenowi.

15 cts. each; $1.50 per dozen.

SELAGINELLA EMILIANA.

A most beautiful and distinct new species of bold but very graceful habit, growing about 10 inches high. 30 cts. each; 4 for $1.00.

LINUM TRIGYNUM.

An old plant which should receive more attention. As an early winter flowering plant it is simply indispensable; its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball. It is of easy cultivation and a most desirable house plant.

15 to 25 cts. each; $1.50 to $2.50 per dozen.

MILLA BIFLORA.

(Mexican "Star of Bethlehem.")

One of the loveliest and most desirable bulbs. The flowers are nearly 2½ inches in diameter, of a pure waxy white color, and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. Bulbs 10 cts. each; 75 cts. per dozen.

Plants came to hand O. K. and were eminently satisfactory. The packing was especially good, secure and free from shifting; in fact, goods were in just such shape as when the lid was put on the box in Philadelphia.
GEO. W. STAPLE, Meridian, Miss., April 8, 1893.

MARANTA MASSANGEANA.

MARANTA.

Valuable decorative stove plants, remarkable for the richness and beauty of their varied foliage.

Makoyana. $1.00 to $1.50. **Massangeana.** 50 cts. **Zebrina.** 50 cts. to $1.00.

MONTBRETIA CROCOSMIÆFLORA.

MONTBRETIAS.

The Montbretias are splendid late-flowering summer perennials and are perfectly hardy. Besides the magnificent color when in flower, the bright green foliage all through the early summer is most effective, especially amongst dark green shrubs. A correspondent writes; "Just now the Montbretia is a perfect blaze of color, and tall spikes of Hyacinthus Candicans amongst it have a most telling effect."

Montbretia Crocosmiæflora. Each bulb produces several flower-spikes bearing numerous flowers of a brilliant orange-red, shaded with yellow; 2½ feet. Bulbs 5 cts. each; 60 cts. per dozen.

— **Pottsii.** Graceful branched spikes of small crimson scarlet flowers; 2 ft. Bulbs 5 cts. each; 60 cts. per dozen.

— **Rosea.** New; flowers produced in dense spikes of a very unique pink color. Bulbs 10 cts. each; $1.00 per dozen.

Musa Ensete.

The leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub, and watered sparingly. Plants 8 in., 50 cts.; 1 ft., $1.00; 2 to 3 ft., $2.50 each.

NEPENTHES.

(Pitcher Plants.)

We grow six choice varieties of these interesting plants. They succeed best planted in baskets suspended from the roof of the greenhouse or conservatory. They should always be thoroughly shaded and furnished with an abundant supply of water. $2.50 to $3.00 each.

NEPETA GLECHOMA VARIEGATA.

Variegated form of our native ground-ivy or groundsel and one of the most useful basket and vase plants in cultivation; foliage is bright green with a broad border of white; succeeds in any position. 15 cts. each; $1 50 per dozen.

OTAHEITE ORANGE.

The best of the Oranges for house culture. It is of dwarf bushy habit and bears a profusion of fragrant flowers and edible fruit. We offer two sizes.

First size $1.00 each. This size will flower and fruit the coming season.

Second size 35 cts. each; 4 for $1.

ORCHIDS.

Limited space prevents us giving a detailed list of the varieties of Orchids we have in stock. We carry an extensive line of the most popular sorts, and shall be pleased to furnish prices on special lists, when desired.

MANETTIA CORDIFOLIA.

One of the most showy and attractive summer vines and entirely distinct from the well-known Manettia vine. It is of rapid growth, with deep green foliage and a wonderful profusion of crimson scarlet tubular flowers one and a half inches long. These are borne on longer stems than the ordinary Manettia, and when grown on a trellis, as shown in the illustration, all the flowers grow outward so that the whole surface is a mass of flowering crimson scarlet of a most pleasing shade, and of sharp contrast to the foliage. Owing to the length of the stems and graceful form of the flowers, the slightest breeze gives them a graceful wavy motion, which adds wonderfully to their attractiveness. As a summer climber, in a position where a graceful vine is required, it has no equal, beginning to flower early in July and continuing one mass of bloom until cut down by severe frosts. The plants in our grounds at this writing, November 1st, are still one mass of bloom and have not been affected by the frosts that cut down all other soft wooded plants.

Price 15 cts. each; 8 for $1.00.

MANETTIA BICOLOR (Manettia Vine).

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow; the contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. It will grow and bloom in any ordinary soil, and given strings or wires to cling to it will attain a height of from 5 to 10 feet in one season. As a pot plant it is unrivalled when trained to a wooden stake or pot trellis. 15 cts. each; 8 for $1.00.

Pancratiums.

Pancratium Carribæum (*Spider Lily*). Numerous clusters of delicate pure white sweet-scented flowers, lasting long in bloom. 25 cts. each; $2.50 per dozen.

P. Illyricum. Bears a stout flower stem, terminated by numerous umbels of deliciously fragrant and attractive large white blossoms A rare gem. 30 cts. each.

P. Maritimum (*The Sea Daffodil*). Bears large panicles of pure white fragrant amaryllis-like flowers, yellowish inside and of delightful odor. Planted a foot in the ground, in light sandy soil, they will prove hardy. One of the finest of Pancratiums. If whole stems are cut the flowers will continue opening in succession for two weeks. 20 cts. each; $2.00 per dozen.

Pansies.

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradations of color. Pot-grown, 15 cts. each; $1.50 per dozen. Out of frames, 10 cts. each: 75 cts. per dozen; $5.00 per 100.

PARDANTHUS SINENSIS.

(Blackberry Lily.)

Lily-like flowers of a bright orange color, spotted with red, which are succeeded by seeds that resemble blackberries. 10 cts. each; 12 for $1.00.

PEPEROMIA MACULOSA.

A pretty dwarf growing ornamental foliage plant, exceedingly useful as a pot plant for the window or for planting in baskets or vases; it has thick fleshy foliage of a bright green color, veined with silvery white. 25 cts. each; 5 for $1.00.

PASSIFLORA PFORDTI.

This we consider the best of all the tender varieties for outdoor planting. Its beautiful flowers are borne freely, even on quite small plants. They are of a rich shade of blue, suffused with rose. 15 cts. each; $1.50 per dozen.

PHYLLOTÆNIUM LINDENI.

A beautiful foliage plant, with large calla-like leaves of a beautiful velvety green, zebra striped on the stem. $1.50 each.

PRIMULA OBCONICA.

An everblooming Primrose, bearing on long stems heads containing 10 to 15 flowers. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. It thrives in a cool house, and is in bloom nearly the whole season. 15 cts. each; 10 for $1.00.

PEPEROMIA MACULOSA.

PALMS.

Palms are now indispensable in all decorations, whether for apartments, conservatories or for tropical bedding in summer. The large demand the past few years has induced us to considerably increase our facilities for propagating and growing this class of stock, and we have now twenty of our largest houses devoted to their cultivation alone, which enables us to supply all the leading and popular varieties at most reasonable prices.

Areca Lutescens. One of the most valuable and beautiful Palms in cultivation; bright glossy green foliage and rich golden yellow stems. 50 cts. to $25.00.

— **Sapida.** A strong upright growing variety with dark green feathered foliage. $1.00 to $3.00.

— **Verschaffelti.** One of the most elegant varieties, with dark shining green foliage and light colored band through the centre of each leaf. $1.00 to $5.00.

Caryota Urens (*Fish Tail Palm*). An easily grown and useful sort. 50 cts.

Ceroxyllon Niveum. Beautiful, broad foliage, silvery white on under side; of imposing habit. $10.00.

Chamærops Excelsa. A handsome Fan Palm, of rapid, easy culture. 50 cts. to $1.50 each.

Cocos Weddelliana. The most elegant and graceful of all the smaller Palms. Its slender erect stem is freely furnished with its gracefully arching leaves, made up of innumerable long narrow pinnæ or segments of a rich green color. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. 50 cts. and $1.00.

Corypha Australis. An Australian Palm, of rapid growth and easycultivation. 50 cts. to $1.50.

Kentia Belmoreana. A beautiful strong-growing Palm, deep green crisp foliage. $1.50 to $5.00.

— **Canterburyana.** A strong growing variety with broader pinnæ than the foregoing sorts; of graceful habit. $1.00 to $2.50.

— **Fosteriana.** One of the finest of the Kentias, with graceful bright green foliage. $1.50 to $10.00.

Latania Borbonica (*Chinese Fan Palm*). The most desirable for general cultivation, especially adapted for centres of baskets, vases, jardinieres, etc. 50 cts., $1.00, $2.00, $3.00, $5.00 and $10.00.

Phœnix Reclinata. Beautiful reclinate foliage. A graceful and exceedingly ornamental Palm. 50 cts., $1.00 and $2.50.

Latania Borbonica.

Kentia Belmoreana.

Phœnix Sylvestris. An attractive sort, deep green foliage. 50 c. to $2.

— **Rupicola.** This is one of the most graceful among the smaller Palms, with wide spreading arching pinnate leaves, broadly lance shaped in outline, with long narrow pinnæ, the lower of which become gradually reduced to spines. 50 cts. to $2.50.

Ptychosperma Alexandræ. A graceful and elegant variety. 50 cts. to $3.00.

Seaforthia Elegans. One of the very best for ordinary purposes, of graceful habit, and rapid, easy growth. 50 cts. to $1.00.

Pinanga Kuhlei. A strong growing variety; the foliage when first developed has a rich crimson tint which changes to a dark lustrous green. 50 cts. to $1.50.

☞ *We can frequently supply large specimens of many varieties of Palms, and shall be pleased to furnish descriptions and prices to any one requiring this class of stock.*

The Palms, Ferns and Orchids ordered of you last week were received on Saturday in excellent condition, appearing as fresh as if they had never been moved. I am very much pleased with the entire lot. Professor C. W. Matthews, Lexington, Ky., Aug. 23, 1893.

Phœnix Reclinata.

Chamœrops Excelsa.

Cocos Weddelliana.

PANDANUS VEITCHI.

SCHUBERTIA GRANDIFLORA.

An exceedingly pretty climber, which succeeds admirably in the open ground during the summer months, producing the entire summer, until cut down by severe frost, clusters of large funnel-shaped, fleshy-white flowers of delightful fragrance, not unlike Stephanotis Floribunda in appearance. 75 cts. each.

Smilax.

(Myrsiphyllum Asparagoides.)

A climbing plant, unsurpassed in the graceful beauty of its foliage; its peculiar wavy formation renders it one of the most valuable plants for bouquets, wreaths, festoons and decorations. Can be easily grown in the house. 15 cts. each; $1.50 per dozen.

STEPHANOTIS FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white deliciously fragrant flowers. $1.00 each.

Pandanus.

(Screw Pine.)

Pandanus Utilis. Called Screw Pine from the arrangement of the leaves on the stem. This is one of the most useful of our ornamental foliage plants; excellent for the centre of vases and baskets, or grown as a single specimen; for in or out door decoration. Fine young plants 50 cts.

— **Veitchi.** This is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and gracefully curved. $1.00 to $10.00.

RHYNCOSPERMUM JASMINOIDES.

A beautiful greenhouse plant, with glossy evergreen foliage, producing masses of pure white, Jasmine-like flowers, delightfully fragrant; in bloom about May and June. It is of a climbing habit, and presents a beautiful appearance when properly trained. The flowers are very desirable for bouquets, etc. 50 cts. each.

SALVIA.

Gypsy. Maroon.
Prince Ali. Deep crimson.
Soucheti alba. Pure white.
Splendens. Scarlet sage.
Marmorata. Flowers and calyx pure white, beautifully mottled and spotted with scarlet; dwarf habit, free blooming. 10 cts. each; $1.00 per dozen; $8.00 per 100.

SANSEVIERA ZEALANICA.

An elegant variegated plant, especially adapted for house decoration, the thick leathery leaves standing the heat and dust of the house with impunity. 30 cts. each; 4 for $1.00.

SANSEVIERA ZEALANICA.

PHRYNIUM VARIEGATUM.

PHRYNIUM VARIEGATUM.

A beautiful variegated plant with white and green variegated foliage, about 6 to 8 inches long, borne on long, fleshy stems. As a plant for table or window decoration it is unsurpassed. 50 cts. each.

The Palms, etc., arrived in first-class order, and I wish to say I am quite satisfied with them. They are, in my opinion, the best consignment you ever sent me, and all who have seen them say that Dreer's plants are ahead of any sent to this city.
April 29, 1893. WALTER WILSHIRE, Montreal, Canada.

DREER'S DOUBLE FRINGED PETUNIAS.

DREER'S
Double Fringed Petunias.

For many years we have made a specialty of Double Petunias, growing from three to five thousand seedlings annually, from which we select the best for propagation. We have discarded the plain edged sorts, as the fringed and laced varieties listed below are very much better.

Ada. Purplish crimson edged with pure white; very large.
Ariel. Soft rosy crimson mottled with white.
Clio. Pure white with crimson mottled centre.
Columbia. Pure white with crimson centre.
Crepuscule. Mottled crimson and white.
Darling. Clear silvery rose marked with white.
Diadem. Flower of immense size but very perfect, mottled crimson, purple and white.
Elfrida. A fine self-colored rosy purple variety.
Elvira. Pure white with a finely mottled carmine centre; a fine flower.
Enchantment. A fine self-colored variety of a soft rosy carmine.
Eureka. Intensely rich purple rarely splashed with white; a most beautifully formed flower of large size.
Fortuna. Blush white with purple crimson splashed centre.
Incomparable. Rich crimson shaded purple, heavily laced with white.
Iolanthe. Pure white, splashed rosy carmine.
Juno. Bright rosy carmine mottled with white.
Meteor. A self-colored variety of a bright magenta shaded purple.
Nidas. Purplish crimson, tipped white.
Nobilis. Mottled crimson, rose and white; a fine flower.
Onyx. Purplish crimson edged with white.
Pearl. Soft rosy pearl, shading to white on the edges.
Picco. Rosy crimson edged with white.
Stella. Ground color white, heavily marked with rosy crimson.
Snowdrift Improved. Fine double white.
Talisman. Fine heavy flower very full and double, pure white mottled with crimson in the centre.
Trophy. Pure white with crimson splashed centre.
15 cts. each; $1.50 per doz.; set of 25 varieties, $2.50.

TWO GRAND PELARGONIUMS.

The two varieties of Pelargoniums, or Lady Washington Geraniums, listed below are the finest that have ever come to our notice. The plants are of strong vigorous growth, and very free-flowering, while the size and shape of the flowers are all that could be desired.

Madame Thibaut. White richly blotched and marked with rose, the upper petals marked with crimson maroon with large white centre; the trusses and individual flowers are of immense size, while the petals are heavily ruffled, giving it a well doubled appearance.
Mrs. Robert Sandiford. A sport of the above variety with which it is identical in every way, except in color, which is of a pure glistening snow white; a grand acquisition.
50 cts. each; the pair for 75 cts.

PLUMBAGO.

Plumbago Capensis. Light blue, very free flowering. 25 cts.
— Capensis Flore Alba. The exact counterpart of Plumbago Capensis except in color, which in this beautiful novelty is a creamy white. This is one of the best of recent introduction, and as a bedding plant will be found invaluable, as it is constantly in bloom throughout the season. 25 cts. each.
— Coccinea Superba. Similar in style to Plumbago Rosea, but producing long racemes of flowers 12 to 15 inches in length, and of a bright satiny carmine color. They remain in bloom a long time and are very showy and brilliant. 30 cts. each.

MEXICAN PRIMROSE.

A trailing plant admirably adapted for planting in vases and hanging-baskets. The flowers are of a soft rosy pink veined with red, shading lighter towards the edges. 10 cts. each; $1.00 per dozen.

MEXICAN PRIMROSE.

SOLANUM AZUREUM.

(The Blue Solanum.)

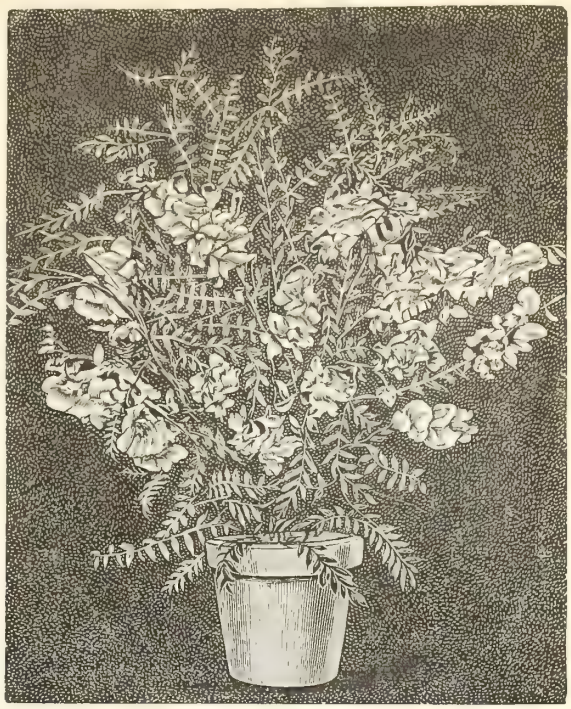
Certainly one of the finest plants lately introduced. Every one is well acquainted with Solanum Jasminoides, and its merits are greatly appreciated. In "The Blue Solanum" we have a far superior plant in every respect. It is of robust growth, soon making fine specimens that will climb over and cover a porch with the most handsomely cut foliage. In mild localities it is covered during the late summer months with *hundreds* of clusters of large, lavender-blue, Wistaria-like flowers, brightly set off with golden stamens, each cluster measuring 15 inches in circumference, and often attaining a length of 12 inches. The flowers are succeeded by bright scarlet berries, remaining perfect for a long time. 30 cts. each; $3 00 per dozen.

SOLANUM JASMINOIDES GRANDIFLORA.

A beautiful new plant, which inclines to a trailing or climbing habit, but never attains a greater height than 3 to 5 feet, and can be pinched back to a bush form. Its flowers are star-shaped, like a Clematis, and borne in enormous panicles or clusters, often a foot across. In color they are pure white, with a violet tinge on back of petals and on the buds. In pots it is a fine bloomer both summer and winter; but its grandeur for out-door culture when trained against a wall or trellis, and showing hundreds of these magnificent panicles of bloom, cannot be described. It is a free and constant bloomer, commencing when only a foot high, and, like the Manettia, its flowers keep perfect a long time before fading. No more beautiful object can be seen than these two vines growing side by side and mingling their profusion of bloom. Strong plants, 25 cts. each; 5 for $1.00.

Swainsonia Galegifolia Alba.

A most desirable everblooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. Its easy culture, growing in almost any light position, its freedom of bloom, rarely ever being out of bloom, and the grace and beauty of the flower and entire plant, will undoubtedly make this one of the most popular plants in cultivation. 25 cts. each; 5 for $1.00.



SWAINSONIA GALEGIFOLIA ALBA.

SAUROMATUM SIMLENSE.

(Snake Lily—Amorphophallus Simlense.)

A wonderful bulb, native of Africa, bears a very remarkable flower 30 inches in length, the inside of which is of a peculiar *golden* color, profusely spotted with rich purple and brown blotches, while the back is of a metallic-brown, and the spadix (15 inches long) is of a frosty purplish brown. Alogether, one of the strangest flowers ever seen.

The foliage is also highly ornamental, the fine palm-like leaves, 3 to 4 feet high and wide, being produced in succession during the entire season. The leaf stalk is beautifully mottled with black markings.

The flowers are produced from January until June, almost immediately after planting, and, unlike *A. Rivieri*, this blooms when quite small. Bulbs 30 cts. each; extra large 50 cts. each.

SAUROMATUM SIMLENSE.

TIGRIDIA.

(Shell Flower.)

Beautiful summer flowering bulbs, producing large, gorgeous flowers exquisitely spotted, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over winter in dry sand.

Conchiflora. Orange, with crimson spots. 5 cts. each; 40 cts. per doz.; $3.00 per 100.

Grandiflora. Red, with yellow spots. 5 cts. each; 40 cts. per doz.; $3.00 per 100.

— **Alba.** Large ivory white flowers, spotted with maroon and rosy lake in centre. 5 cts. each; 50 cts. per dozen; $3.00 per 100.

— **Rosea.** A new and very beautiful variety, varying from lightest pink to deepest rose; the centre of the flower is white spotted with crimson. 20 cts. each; $2.00 per doz.

TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the first of May.

Excelsior Pearl. Extra large bulbs. 5 cts. each; 35 cts. per doz.; $2.00 per 100.

Tall Double. 5 cts. each; 35 cts. per doz.; $2.00 per 100.

Variegated Leaved. Leaves striped with light yellow, flowers single. 10 cts. each; 75 cts. per doz

New Early Branching Tuberose "Albino." Beautiful single-flowering variety; splendid for forcing and cutting. 15 cts. each; $1.50 per doz.

My Palms and Ferns arrived in good condition for being on the road one week. I highly recommend your way of packing, and am much pleased with them. J. S. SCHLADER, Owosso, Mich., Sept. 8, 1893.

Palms arrived in good condition, much to my surprise, considering the cold weather of the past week. Allow me to thank you for the thorough way in which they were packed. C. R. MILLER & Co., Springfield, Mass., March 19, 1893.

TABERNÆMONTANA CAMASSA.

Greenhouse shrub, neat and compact, resembling the Gardenia in growth and fragrance; pure white double flowers, fine for cut-flower work. 50 cts.

TORENIA ASIATICA.

An exquisite plant, bearing a profusion of porcelain blue flowers, tipped with rich violet purple; it succeeds out of doors in the summer season. 15 cts. each; $1.50 per doz.

VERBENAS.

We offer twelve of the most distinct varieties of these useful bedding plants. All are of the mammoth or large flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink, blue, white, etc.

10 cts. each; $1.00 per doz.; $6.00 per 100.

VINCA MAJOR VARIEGATED.

One of the very best vase plants. Leaves glossy green, broadly margined creamy white. Blue flowers.

15 cts. each; $1.50 per doz.

VIOLETS.

Marie Louise. Deep violet blue; very fragrant.
Queen Victoria. Large single, blue, very fragrant.
Swanley White. Large double, pure white.
Schœnbrun. Single, deep blue, very fragrant.

15 cts. each; $1.50 per dozen.

ZEPHYRANTHES TRETEA ALBA.

(White Fairy Lily.)

One of the most desirable of our small summer flowering bulbs. The plant attains a height of not over 10 inches, and throws up continuously the entire summer stems of pure white, fragrant lily-like flowers. 5 cts. each; 12 for 50 cts.

MISCELLANEOUS.

Echeveira Secunda Glauca. 15 cts. each; $1.50 per doz.
Gardenia Florida (*Cape Jasmine*). 25 cts.
Lemon Verbena. 15 cts. each; $1.50 per doz.
Lobelias. Blue and white. 10 cts. each; $1.00 per doz.
Othonna Crassiflolia. 15 cts. each; $1.50 per doz.
Oxalis. Rose and white. 10 cts. each; $1.00 per doz.
Stevia Serrata Variegata. 10 cts. each; $1.00 per doz.

ROSES.

Varieties of Special Merit and Novelties of Recent Introduction.

New Tea Rose, BARONNE BERGE.

One of the best new Roses of the season, and no doubt will make an excellent bedding variety, the flowers of medium size, very double and formed like a Camellia, color light yellow, with the petals bordered with light rose, centre bright china rose. Good young plants, 25 cts. each; strong plants, 50 cts. each.

New Tea Rose, COMTESSE DE BRETEUIL.

Of dwarf but vigorous growth, flowers medium to large in size, with petals of good substance, color salmon rose, centre bright rose shaded with apricot, beautiful globular buds and very fragrant. Good young plants, 25 cts. each.

New Tea Rose, LEON XIII.

An exquisite rose, and certain to become popular on account of its buds, which are as long and of the same shape as Niphetos; the color is white shading to pale yellow, with a light salmon centre. The plant is of vigorous growth. Good young plants, 25 cts. each.

New Tea Rose, MAMAN COCHET.

Probably the finest new rose of the season; the growth is vigorous, with rich, healthy foliage and extra large flowers, which are borne on long, stout stems, very double and simply exquisite when in bud or half blown; the color is a deep rose pink, the inner side of petals silvery rose. This variety will undoubtedly become very popular. Good young plants, 35 cts. each.

New Tea Rose, MADELINE GUILLAUMEZE.

A most profuse flowering variety, with flowers of fine regular form with large petals; the color is a delicate creamy white with salmon shaded centre. Good young plants, 25 cts. each.

New Hybrid Tea Rose, PAUL MAROT.

A new Hybrid Tea, with large, massive foliage like the Hybrid Perpetual Baroness Rothschild. The flowers are extra large, semi-double, with beautiful large pointed buds. Color deep rich pink, inner side of the petals deep rose; a valuable variety. Good young plants, 25 cts. each.

New Tea Rose, PRINCE KAMIL PACHA.

The flowers are produced on long stems, are very large and globular, with petals of good substance, color apricot changing to salmon yellow. Will undoubtedly be popular on account of its beautiful buds. Good young plants, 25 cts. each.

MAMAN COCHET.

New Tea Rose, SOUVENIR DE MADAME HENNEVUE.

One of the most desirable Tea Roses for garden culture of recent introduction. The plant is of strong, vigorous habit, with glossy dark green foliage, and produces its flowers, which are of medium size and of a fine china-rose color, veined with carmine and salmon rose colored centre, in the greatest profusion.

Good young plants, 25 cts. each.

Allow me to say that it is with sincere pleasure that we pay such accounts as yours, as all stock received has given us the utmost satisfaction.

P. J. BERCKMANS, Augusta, Ga., Dec. 12, 1893.

Climbing La France.

New Hardy Climbing Rose,
CLIMBING LA FRANCE.

A most wonderful acquisition and one of the most desirable Roses introduced in recent years. It had its origin as a sport from La France and possesses all the good points of that most popular of all Roses. It retains the charming peach pink color and the exquisite fragrance which have made the La France the favorite it is; added to this its remarkably strong, vigorous growth makes it the most desirable climbing rose in cultivation and should find a place in every garden. Good young plants 25 cts. Strong plants 50 cts.

New Bourbon Rose, MRS. PAUL.

A most desirable bedding variety, possessing all the excellent qualities for that purpose. It is everblooming, of strong, thrifty growth, large glossy foliage and good sized flowers. The color is a blush white overlaid with rosy peach shadings. Good young plants 25 cts.

New Hybrid Tea Rose, KAISERIN AUGUSTA VICTORIA.

One of the most desirable Roses of recent introduction. The flowers, which are produced in the greatest profusion, are of large size, of a creamy white color, shading deeper towards the centre. It is a strong healthy grower, with fine foliage, and will undoubtedly become popular both as a bedding variety and for forcing under glass. Good young plants 20 cts. Strong plants 50 cts.

New Tea Rose, THE BRIDESMAID.

A most desirable sport from Catherine Mermet, of a richer, darker color than its parent, and a most desirable acquisition. Will undoubtedly become one of the most popular forcing Roses. Good young plants 20 cts.

New Hybrid Tea, MME. CAROLINE TESTOUT.

Another charming novelty in a strong growing Hybrid Tea. The bloom is large and double; color bright satiny pink, with rosy centre. Odorous, and quite free flowering. Petals very large and heavy, and beautifully rounded. A first-rate variety for forcing, of the La France type. Good young plants 20 cts. each. Strong plants 50 cts.

New Hybrid Perpetual, MARGARET DICKSON.

Undoubtedly the finest white hybrid perpetual yet introduced. The flowers are of the purest white, of extra large size and fine form. It is a strong, vigorous grower with fine large foliage. Extra strong 2-year-old plants $1.00 each. Good young plants 25 cts.

New Hybrid Perpetual, MARCHIONESS OF DUFFERIN.

Another grand new variety that will make a popular garden Rose, with large finely formed flowers of a clear rosy pink color. Extra strong 2-year-old plants $1.00.

ROSES OF SPECIAL MERIT.

CLIMBING NIPHETOS (Tea). A sport from Niphetos, retaining all the characteristics of the parent variety, except that it is of a strong climbing habit, frequently sending out shoots that attain a length of 20 feet. Good young plants, 20 cts. each.

CLIMBING PERLE DES JARDINS (Tea). A sport from the well-known *Perle des Jardins*, retaining all the characteristics of that popular variety, except that it is of a strong climbing habit. For the south this will be an especially valuable variety, being hardy there, while for a pillar-Rose in the conservatory it is particularly desirable. 20 cts. each.

AUGUSTINE GUINOISSEAU (The White "La France," Hybrid Tea). A sport from that grand Rose "La France," with which it is identical in every way except in color, which is of a delicate blush in the centre, growing lighter and lighter to almost a pure white at the edges. A most exquisite variety. Extra strong plants, 50 cts. each; good young plants, 20 cts. each.

BARONESS ROTHSCHILD (Hybrid Perpetual). A most magnificent hardy Rose; flowers about 5 inches in diameter and of an exquisite shade of satiny pink. The heavy foliage comes close up to the flowers, forming an effective background of green. Selected plants, 50 cts. each; $5.00 per doz.; first size plants, 40 cts. each; $4.00 per dozen.

DINSMORE. A vigorous and free-blooming Rose, perfectly hardy and bearing large perfectly double flowers of a rich scarlet-crimson color. 50 cts. each.

DUCHESS OF ALBANY (Hybrid Tea). This variety is identical with the well-known and popular La France, except that its color is a rich, deep, even pink throughout. The growth of the plant is vigorous, the habit good, and the flowers, which are thrown up well above the foliage, are produced very freely. An excellent Rose either for forcing for cut flowers or for the garden. First size, 50 cts. each; $5.00 per doz.; second size, 40 cts. each; $4.00 per dozen.

GLOIRE DE DIJON. A well-known standard variety, yellow, shaded with salmon, very large and full; a superb variety. Extra strong plants, 40 cts. each; $4.00 per dozen.

GEN. JACQUEMINOT (Hybrid Perpetual). Rich glowing crimson, of exquisite shape and delightful fragrance; the most popular of all the hardy roses. Extra strong plants, 75 cts. each; $9.00 per doz.
First size " 50 " " 5.00 " "
Second size " 30 " " 3.00 " "

DINSMORE.

GLOIRE DE MARGOTTIN (Hybrid Perpetual). Dazzling red, the most brilliant yet known; large, full, finely formed globular flowers; growth very vigorous; one of the most distinct hardy garden roses in cultivation, and can be especially recommended for its freedom of blooming and hardiness; fine strong plants.

Selected plants, 50 cts. each; $5.00 per dozen.
First size " 40 " " 4.00 " "
Second size " 30 " " 3.00 " "

HERMOSA. Probably the most popular bedding rose in cultivation. It is of a bright pink color, most prolific in blooming, and perfectly hardy. We are enabled to offer some extra large plants this season.

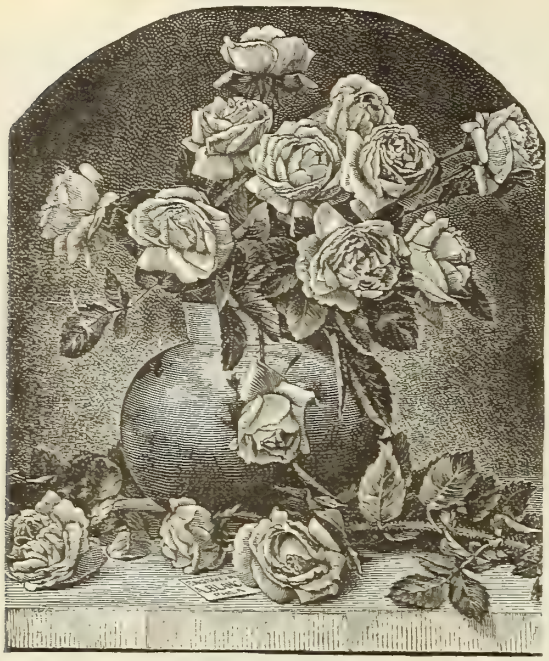
Selected plants, 50 cts. each; $5.00 per dozen.
First size " 40 " " 4.00 " "
Second size " 30 " " 3.00 " "

LA FRANCE (Hybrid Tea). Probably the most popular pink rose of its class in cultivation; a constant bloomer and the sweetest of all roses.

Selected plants, 50 cts. each; $5.00 per dozen.
First size " 40 " " 4.00 " "
Second " " 30 " " 3.00 " "

The Roses were received yesterday in perfect condition; indeed, could not have looked fresher in the greenhouse, and I believe would have stood a trip over the Rocky Mountains without a jar.
J. HEATH DODGE, Washington, D. C., June 21, 1893.

ROSES OF SPECIAL MERIT—*Continued.*



MADAME GABRIEL LUIZET.

MME. GABRIEL LUIZET (Hybrid Perpetual). One of the finest light colored roses in cultivation; it is of a soft silvery pink color of a most beautiful tint. Selected plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

MARECHAL NIEL. We offer a fine stock of this superb climbing rose, which for fragrance, beauty and size is still without a rival; bright golden yellow. Extra strong canes, 8 to 10 feet long, $2.50 each. First size, strong budded plants, 75 cts. Second size, strong plants, 3 feet long, 50 cts. Third size, strong plants, 2 feet long, 30 cts.

MERVEILLE DE LYON (Hybrid Perpetual). A pure white hardy rose, flowers of immense size and very double; beautiful heavy foliage. Selected plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

MRS. JOHN LAING. One of the most perfect Hybrid Perpetual roses in cultivation, beautiful in color, free in flowering, a vigorous grower, of elegant shape and very fragrant; color of a soft delicate pink with a satin tinge. Selected plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

PERSIAN YELLOW. This is undoubtedly the best hardy yellow rose in cultivation; color a rich dark golden yellow, plant perfectly hardy and a strong vigorous grower. Extra strong plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

QUEEN OF QUEENS (Hybrid Perpetual). A strong vigorous growing garden rose, with large full flowers of perfect form and true perpetual flowering; color bright pink with blush edges. Selected plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

REINE MARIE HENRIETTE (Climbing). One of the finest climbing roses in cultivation; it is perfectly hardy in the latitude south of Philadelphia; the flowers are of a rich cherry crimson with long pointed buds. Selected plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

SOUVENIR DE LA MALMAISON. This variety when used as a bedding rose in summer produces the most perfect flowers in the hottest weather. Rich, flesh color. Selected plants 50 cts. each; $4.00 per doz. First size plants 30 cts. each; $3.00 per doz.

ULRICH BRUNNER (Hybrid Perpetual). A splendid rose, either for the garden or forcing. It is of a rich glowing crimson scarlet color. Selected plants 50 cts. each; $5.00 per doz. First size plants 40 cts. each; $4.00 per doz.

MADAME WILLIAM PAUL (Perpetual Moss). Very bright rose, large, full and of finely cupped form, flowers very freely. Undoubtedly the best perpetual moss rose yet introduced. Strong plants $1 00.

MARECHAL NIEL.

Twelve Select Everblooming Summer Roses.

EVERBLOOMING ROSE, CLOTHILDE SOUPERT (POLYANTHA).

For the past three seasons we have been offering a set of twelve of the best everblooming Roses in *extra large plants.* The popularity of this stock has been so great as to exhaust our supply early in the season, so that we have heretofore been unable to meet the demand. We have this season prepared an extra large stock, and will be in a position to fill all orders.

These plants have been grown with special care, are of extra large size so as to give *immediate results.* The varieties are the very best for out-door culture, and will prove invaluable in any garden, whether for display or for cutting purposes, and are hardy with protection.

Agrippina, or Queen's Scarlet. A rich shade of crimson, a most prolific flowering and a most desirable bedding variety.

Bon Silene. This splendid old favorite is equally valuable for summer or winter blooming; most exquisite tea-scent; color, bright brilliant carmine.

Clothilde Soupert. The flowers of this beautiful variety are of a unique color, being of a pearl white, shaded at the centre with silvery rose, and are produced in the greatest profusion. It makes a fine plant either for pot-culture or out-door planting.

Countess de la Barthe, or Duchess de Brabant. One of the most valuable bedding varieties, of a beautiful silvery pink color; very fragrant.

Etoile du Lyon. Fine striking sulphur yellow; the most valuable yellow for summer bedding.

Hermosa. Undoubtedly the best pink bedding Rose in cultivation; an old favorite.

Marie Guillot. White, slightly tinted with lemon; very large, finely shaped flowers; a valuable Rose.

Meteor. A rich, dark, velvety crimson, hybrid tea; a free-bloomer and a vigorous grower.

Safrano. Saffron yellow; an old favorite and a most desirable garden variety.

Souvenir d'un Ami. Fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant.

Souvenir de la Malmaison. Rich flesh color, beautifully shaped double flowers. A grand Rose in every way.

The Bride. A lovely pure white Rose of the Mermet type; it is very full, double and free-flowering.

Extra select plants,	50	cts.	each;	$5.00	per	dozen.
First size	" 40	"	"	4.00	"	"
Fine young	" 15	"	"	1 50	"	"

TWELVE SELECT HARDY GARDEN ROSES.

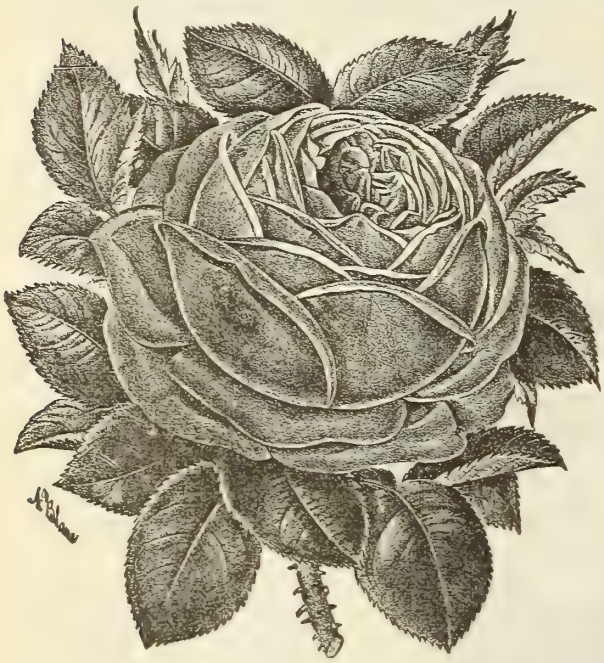
The following selection of Hybrid Roses can be especially recommended for general out-door planting; the most popular varieties are included, and the selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance. For descriptions see General List of H. P. Roses.

Anna de Diesbach,
Baroness Rothschild,
General Jacquimenot,
Magna Charta,
Mme. Gabriel Luizet,
La France,
Mons. Boncenne,
Paul Neyron,
Prince Camille de Rohan,
Queen of Queens,
Ulrich Brunner,
White Baroness.

Extra selected plants 50 cts. each; $5 00 per doz. First size plants 40 cts. each; $4.00 per doz.

HYBRID PERPETUAL ROSES.

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.



Baroness Rothschild.

***Alfred Colomb.** A splendid rose; large, globular, full and very sweet; bright clear cherry red, shaded with crimson.

Alfred K. Williams. Carmine red, changing to magenta. See Roses of special merit.

American Beauty. An excellent rose for forcing. The flowers are very double, of a deep crimson color, and very fragrant.

***Anna de Diesbach.** Clear bright carmine; very large and finely shaped, full and fragrant.

***Baron de Bonstettin.** Dark red, almost black; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. A magnificent rose; color rich satiny pink. See Roses of special merit.

***Boule de Neige** (*Ball of Snow*). A pure white rose of good substance, of fine form and medium size.

***Captain Christy.** A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

***Cardinal Patrizzi.** Velvety crimson, of fine form.

***Countess of Oxford.** Bright carmine red; shaded. A large and full rose.

Dinsmore. Rich crimson. See Roses of special merit.

Duchess of Albany. Rich deep pink. See Roses of special merit.

***Duke of Edinburgh.** Brilliant scarlet crimson, shaded with maroon, large and full, one of the best.

Earl of Dufferin. Velvety crimson, shaded with maroon, large, full, finely formed.

***Fisher Holmes.** Rich velvety crimson, large double, and of fine form; a splendid rose.

***General Jacquimenot.** Brilliant scarlet crimson. See Roses of special merit.

***Gloire de Margottin.** Dazzling scarlet. See Roses of special merit.

***John Hopper.** Bright rose, carmine centre; flowers large, cupped, and well formed.

***Jules Margottin.** Bright carmine, cupped; very fragrant; a splendid variety.

La France. Splendid satin rose; very large, full, fine form; a constant bloomer. See Roses of special merit.

Mabel Morrison. Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

***Mme. Gabriel Luizet.** Fine satiny rose, very large and full. See Roses of special merit.

***Magna Charta.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Merveille de Lyon. Pure white, shaded with satiny rose. See Roses of special merit.

***Mons. Boncenne.** Dark velvety crimson, large, full and of fine form.

Mrs. John Laing. Delicate pink, with satin tinge. See Roses of special merit.

***Paul Neyron.** Very large dark rose; by far the largest rose in cultivation; one of the most desirable.

***Prince Camille de Rohan.** Deep velvety crimson maroon, shaded with red.

Queen of Queens. Pink with blush edges; large and full blooms; a true perpetual flowering rose. An excellent garden variety.

***Ulrich Brunner.** Bright cerise red; flowers large and full. See Roses of special merit.

White Baroness. Pure white; a splendid bloomer.

Xavier Olibo. Dark velvety purple, shaded amaranth.

Alfred K. Williams.

First size, extra heavy two-year-old plants,	40	cents	each;	$4	per	doz.;	$30	per	100.	(Set	of	40	varieties	for	$12.)									
Second size, good	"	"	"	"	30	"	"	3	"	"	20	"	"	"	"	"	"	"	8					
Third " " one	"	"	"	20	"	"	2	"	"	15	"	"	"	"	"	"	"	6						

☞We can also supply varieties marked * in extra-sized two-year-old plants **on their own roots;** this is a very select stock and of special value for producing an immediate effect, or for permanent planting. Our stock of these is limited. Price, 50 cents each; $5.00 per doz.; $35.00 per hundred.

TEA ROSES, GENERAL COLLECTION.

The tea-scented, everblooming Roses are admired for their delicious fragrance, free-blooming qualities, and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

MADAME DE WATTEVILLE.

Bon Silene. Brilliant carmine rose, richly tea-scented; a well-known favorite.

Catherine Mermet. Bright flesh color; full and beautiful; one of the most lovely of its color.

Christine de Noue. An elegant deep purple red; of fine texture and size.

Countess Riza du Parc. A grand Rose; color bright coppery rose, shaded violet crimson.

Coquette de Lyon. Light canary yellow; a most desirable bedding variety.

Duchess de Brabant. One of the most valuable bedding varieties; of a beautiful silvery pink color; very fragrant.

Devoniensis. Pale yellow; large and full.

Etoile du Lyon. Fine striking sulphur yellow; the most valuable yellow for summer bedding.

Mme. Joseph Schwartz. Light salmon rose; changing when fully expanded to creamy white.

Mme. Welche. Light yellow with dark orange centre; very large, full and of fine form.

Mme. Scipion Cochet. Color a soft primrose yellow, with rose shadings: deliciously fragrant.

Mme. Cusin. Flowers of medium size, of a rosy purple color, base of petals and centre of flower almost white.

Mme. Elie Lambert. Outer petals pure white; centre a beautiful rosy flesh; flowers cup-shaped.

Mme. Pierre Guillot. Large, beautiful, cream-colored buds, shading to a yellow base; edges of all the petals bright rose color.

Mme. de Watteville. Creamy white, each petal bordered light rose like a tulip; a lovely color and shape.

Marie Guillot. White, slightly tinted with lemon; very large, finely-shaped flowers; a valuable Rose.

Meteor. A rich dark velvety crimson hybrid tea; a free-bloomer and vigorous grower.

Papa Gontier. One of the finest roses either for out-of-doors or for winter forcing; dark carmine crimson.

Perle des Jardins. Beautiful rich yellow; of large size and perfect form.

Safrano. Saffron yellow; beautiful in the bud; a well-known favorite.

Souvenir d'un Ami. Fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant.

Souvenir de Wootton. Of a bright crimson color, and very fragrant.

Sunset. Of large size and perfect shape; it is of a rich shade of saffron and orange.

The Bride. A lovely pure white Rose of the Mermet type; it is very full, double and free-flowering.

The Queen. A pure white sport of Souvenir d'un Amie, with very large, double, fragrant flowers.

PAPA GONTIER.

First size	40 cts.	$4.00 per dozen	the set of 25 varieties,	$7.50
Second "	30 "	3.00 " "	" " " " "	5.00
Third "	15 "	1.50 " "	" " " " "	2.50

The Roses arrived yesterday in perfect condition, not a leaf wilted. Your packing cannot be excelled. Mrs. J. R. HOLCOMBE, Hartford, Conn., May 13, 1893.

The Hybrid Perpetual Roses arrived safely to-day, and I am very much pleased at their size and quality and your mode of packing. I have purchased roses of all the leading florists, but never received any that equalled yours. C. PETERS. Newark, N. J., June 21, 1893.

HARDY CLIMBING OR PILLAR ROSES.

The following list comprises the best of the hardy climbing roses.

Baltimore Belle. Blush, flowers in clusters.
Gem of the Prairies. Rich, rose color, very fragrant.
Grevillea, or Seven Sisters. Flowers in clusters, opening a light rose color, changing to pure white.
Prairie Queen. Deep rose, hardy and desirable.
Reine Marie Henriette. Rich cherry crimson, one of the finest of hardy climbing roses.
Sweet Briar. Rosy pink.
Tennessee Belle. Blush of good size, flowers in clusters.
Waltham Climbers. The Waltham Climbers are autumn flowering. No. 1. Bright crimson. No. 3. Dark crimson.
Washington. Pure white, very free.
W. A. Richardson. Orange yellow, very desirable.
Yellow Persian. Bright golden yellow, the only hardy yellow climbing rose.

First size, 40 cts. each; $4.00 per doz.
Second " 30 " " 3.00 " "

ROSA RUGOSA.

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods.

Rosa Rugosa. Beautiful glossy crimson.
— Rugosa Alba. Pure white.

Strong plants, 40 cts. each; $4.00 per dozen.

TENDER CLIMBING OR PILLAR ROSES.

These are not hardy in this latitude except in favored positions, or with protection; they are all especially adapted to covering rafters, etc., in greenhouses.

Chromatella (*Cloth of Gold*). Golden yellow.
Climbing Devoniensis. Creamy white, of lovely form.
Gloire de Dijon. Blush and yellow. 30 cts. to $1.50 each.
Lamarque. Creamy white.
Marechal Niel. Large golden yellow. 30 cts., 50 cts., 75 cts. and $1.00 each.
Solfatere. Fine shade of yellow.
White Banksia. White small flowers; very fragrant.
Yellow Banksia. Yellow small flowers; very fragrant.

First size, 40 cts. each; $4.00 per doz.
Second " 30 " " 3.00 " "

DAMASK ROSES.

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence. Rosy pink flowers.
Madame Hardy. Beautiful large double white flowers.
Madame Plantier. Pure white and a free bloomer; unrivalled for hedges or cemetery use.
White Provence. Pure white, delightfully fragrant.

30 cents each; the set of 4 for $1.00.

MOSS ROSES.

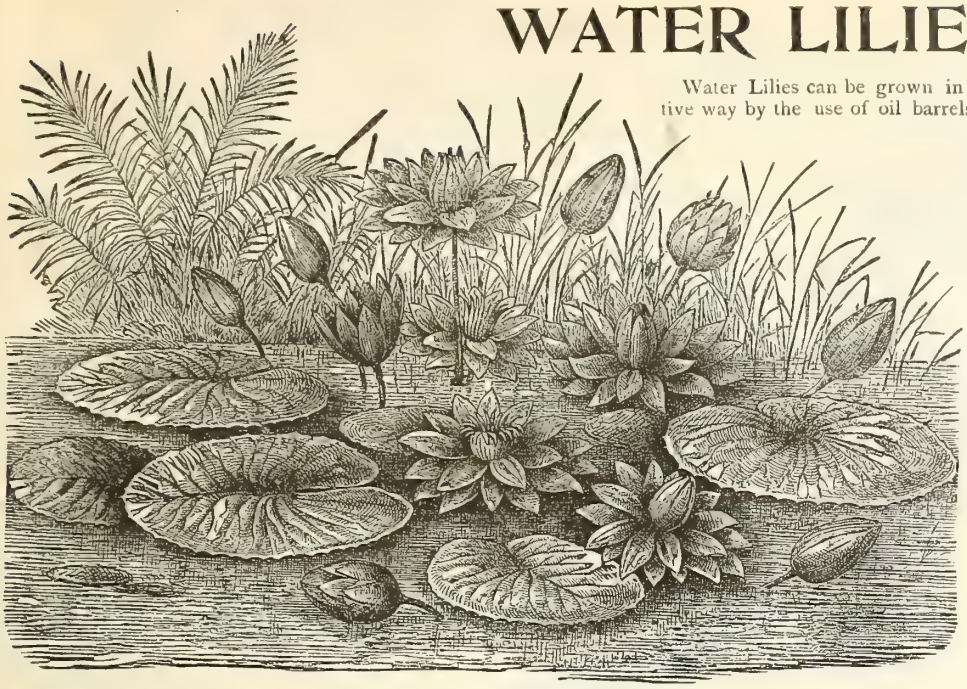
A class of roses which are much admired. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance.

Blanche Moreau. Lovely pure white, large and full.
Comtesse de Murinais. Large white, beautifully mossed.
Gloire de Mosses. Blush, very large and full.
Princess Adelaide. Bright rosy pink; large.
William Lobb. Purplish violet.

Strong plants 40 cts. each; set of 5 for $1.75.

ROSA RUGOSA.

WATER LILIES.



NYMPHÆA DEVONIENSIS.

Water Lilies can be grown in a very simple yet effective way by the use of oil barrels cut in two. The tubs can be arranged in a row, each one a little higher than the one next to it. The tubs may be connected with short pieces of hose; a small stream of water can be kept constantly running into the highest tub, the overflow of which will run from tub to tub, thereby changing the water in all. They can also be arranged in groups, in rockeries, etc. About the middle of May the tubs should be placed in proper position and filled to half their depth with a mixture of loam and well-decayed manure, which should be covered with two inches of sand after the roots are planted to prevent the manure from rising to the top. If placed in groups the centre tub can be filled with Nelumbium Speciosum, and the surrounding ones with Nymphæas and other aquatic plants. The space between the tubs can be filled with good compost, and planted with Tuberous Begonias, Sedums, Palms, and other suitable plants, which will give a beautiful and tropical effect.

Nymphæa.

Tender Varieties.

These can be wintered in a cellar, if kept at a temperature of not less than 55 degrees; they should always be kept wet.

Nymphæa Cœrulea. This species is a native of Egypt. It has bright green leaves and lavender blue flowers, about 4 inches in diameter; they are very fragrant, the perfume being entirely distinct from N. Odorata. It is easily cultivated in a tub or tank, or it may be planted in a pond where the water is still and warm and the mud is rich. $1.50.

— **Dentata.** A white flowering species with petals expanding horizontally, making them star-shaped. They have an agreeable perfume. The leaves are dark green with serrated edges. $1.00.

— **Devoniensis.** This is the choicest Water Lily in cultivation. Under liberal treatment it produces flowers 10 to 12 inches in diameter, and leaves 2 feet across, the plant having a spread of 20 feet. If confined in pans, tubs, or boxes, the flowers are smaller, but otherwise just as fine; the color is a brilliant red, glowing by lamplight with indescribable brightness. $2.00.

— **Rubra.** This species is a native of India, with flowers of a brilliant rosy red, stamens scarlet. The flowers are somewhat smaller than N. Devoniensis, measuring from 6 to 8 inches, and are a trifle more cup-shaped. The leaves are of a rich brown, and when they fade turn to a gold and crimson color, like autumn leaves. $1.50.

— **Sturtevanti.** This variety has foliage of a beautiful bronzy color, sometimes almost crimson. Its flowers are very large, having a greater number of petals than Nymphæa Devoniensis, and a more graceful cup-shaped form. They are a beautiful rosy red color. $5.00.

— **Zanzibariensis Azurea.** The deepest colored and finest of all the blue water Lilies; under good cultivation producing flowers 12 inches in diameter. $1.00.

— **Zanzibariensis Rosea.** This is like N. Zanzibariensis in every respect, except that the flowers are of a deep rosy pink color. The outside of the sepals is of a lively green, forming a beautiful contrast with the rosy petals. $1.50.

Nymphæa.

Hardy Varieties.

By speaking of Water Lilies as hardy, we do not mean that they will stand actual freezing, but that they will endure the winter when placed in water beyond the reach of frost.

Nymphæa Alba Candidissima. This is a large-flowered variety of the Water Lily of England; when naturalized in still water, with a very rich soil, it produces leaves 13 inches wide and flowers 6 inches in diameter, with very broad petals of a pure white color. $1.50.

— **Odorata Sulphurea.** A handsome yellow flowered form of our native variety. $1.00.

— **Flava.** This is a true Water Lily, with yellow flowers and a delicate perfume. Its leaves are beautifully variegated with brown. It is a very desirable variety either for pond, tub, or aquarium. 30 cts. each; $3.00 per doz.

— **Odorata.** Our native Water Lily, flowers pure white and very fragrant; when grown in rich mud it will produce flowers 6 inches and leaves 13 inches across. 30 cts. each; $3.00 per doz.

— **Odorata Minor.** A small flowered variety of our native Water Lily, producing flowers of only 1½ to 2 inches in diameter. 30 cts.; $3.00 per doz.

— **Odorata Minor** (*Variety*). This is a pretty variety of the small-flowered form of Odorata, with a distinct lining of bright rosy pink on the outer petals. 30 cts. each; $3.00 per doz.

— **Odorata Rosea** (*Cape Cod Water Lily*). This is the famous pink Water Lily of Cape Cod, and is a grand acquisition to our list of hardy Lilies. It possesses all the desirable qualities of the white-flowered species, hardiness, freedom of bloom and delicious fragrance, with the added charm of a deep pink color. $1.00.

— **Marliacea Chromatella.** A new variety with fragrant flowers as large as N. Odorata, having broad petals of a beautiful yellow color. The habit of the plant is like N. Candidissima, flowering freely the entire season. Perfectly hardy. $1.00.

NELUMBIUM.

NELUMBIUM SPECIOSUM.

These wonderful plants, though mostly coming from tropical and semi-tropical regions, have proven to be entirely hardy in this country, enduring any degree of cold short of actual freezing. They may be grown and flowered in a large tub, or in a cement basin sunk in the ground, where the water is 12 or 15 inches deep.

PARROT'S FEATHER.

Nelumbium Album Grandiflorum (*White Lotus*). An exceedingly beautiful variety producing large bold flowers of a pure white color. $3.50.

— **Nuciferum Album Striatum.** The flowers of this are white, the edge of each petal irregularly marked and splashed with crimson. $3.50.

— **Nuciferum Roseum.** Flowers of a uniform deep rose pink color, much darker than Speciosum. $1.50.

— **Speciosum.** This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant —they open in the morning and close in the afternoon. It is a very interesting plant, and has been an immense success everywhere.

Strong roots, $1.50 each.
Extra strong roots, $3.00.

Nelumbium Luteum (*American Lotus*). Though a native of this country, it is not common. There is scarcely any difference between this and *N. speciosum*, except in the color of the flowers, which are of a rich sulphur yellow. They are as large as a quart bowl, and have a strong fragrance, entirely unlike that of a Nymphæa. Still, warm water and very rich soil are the conditions for success with these noble plants. A large patch of them, with hundreds of flowers and buds, is a sight never to be forgotten. $1.00.

AQUATICS.

CYPERUS ALTERNIFOLIUS.

An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 25 cts. each.

JUNCUS ZEBRINUS.

This is a true rush, growing from 1½ to 3 feet high, producing leaves variegated in the same manner as a porcupine quill, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 30 cts. each.

LIMNOCHARIS HUMBOLDTI.

A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. It should be grown in partial shade. It is a good plant for growing in shallow water or an aquarium. 25 cts. each.

Limnanthemum Nymphæoides.

(Water Poppy.)

The flowers of this are similar to the above, but the leaf is larger, resembling a small Water Lily leaf, and is very pretty. It may be grown the same as the Limnocharis and is perfectly hardy. 30 cts.

THE WATER HYACINTH.

IRIS.

We would especially recommend the Iris for planting round water lily ponds or in moist situations. Its lovely flowers will afford a charming contrast to the lilies. As they are perfectly hardy, they can remain from year to year without any care, and increase in beauty with age. 15 cts. each; $1.50 per doz.

LIMNANTHEMUM INDICUM.

(Water Snowflake.)

In growth the plant resembles a Water Lily, with leaves from 3 to 5 inches across. The flowers are produced upon the stem of the leaf, and are about as large as a fifty-cent piece, as shown in the engraving. They are white, and the upper surface of the petals is covered with a delicate fringe, giving them the appearance of crystal, star-shaped snowflakes. 50 cts.

PARROT'S FEATHER.

Myriophyllum Proserpinacoides.)

An aquatic hanging plant is a novelty indeed, and we have it to perfection in this dainty little jewel. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging basket, so water can be kept standing on the surface, it will trail finely. 15 cts. each; $1.50 per doz.

WATER SNOWFLAKE (Limnanthemum Indicum).

PISTIA STRATIOTES.

A very curious plant, which floats upon the water. Its long fibrous roots extend downwards, but have no connection with the soil. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat, and should be shaded from the direct rays of the sun. 25 cts.

PONTEDERIA AZUREA.

This new species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender blue, with a rich purple centre, petals delicately fringed. 40 cts.

PONTEDERIA CRASSIPES MAJOR.

(The Water Hyacinth.)

A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a Hyacinth. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. 25 cts.

SAGITTARIA JAPONICA FL. PL.

(Double-Flowered Arrowhead.)

Resembling the native Arrowhead, but producing tall spikes of pure white flowers as double as the finest Carnation. For shallow water; hardy. 30 cts.

Special Low-Priced Collection of Aquatics.

The varieties named below are a selection of the most popular and easily grown sorts, which we grow in large quantities. We will supply the collection of 12 varieties, one plant of each, amounting at our regular rates to $8.60, for $6 00.

Nelumbium Speciosum (*Egyptian Lotus*).
" **Luteum** (*American Lotus*).
Nymphæa Dentata.
" **Rubra.**
" **Zanzibariensis Azurea.**
" **Flava.**
" **Odorata.**
" " **Minor.**
" " **Rosea** (*Cape Cod Lily*).
Myriophyllum Proserpinacoides.
Pontederia Crassipes Major.
Limnanthemum Nymphæoides.

HARDY GRASSES.

Arundo Donax. A magnificent hardy grass, growing to a height of 15 feet, and forming dense clumps. 25 cts. to $1.00 each.

— **Donax Variegata.** A hardy, broad-leaved, variegated bamboo; foliage creamy white and green; growing 6 to 8 feet high. 30 cts.

Bambusa Metake.

BAMBUSA METAKE.

A perfectly hardy Japanese Bamboo of dwarf habit, attaining a height of not over 5 to 6 feet. The foliage is of a rich dark green and is retained on the plant in a fresh condition almost the entire winter. It makes a most desirable addition to the border in connection with shrubbery, or as an individual specimen for the lawn. 50 cts. each; $5.00 per dozen.

Eulalia Japonica Zebrina.

ERIANTHUS RAVENNÆ.

A hardy Ornamental Grass, which grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It resembles the Pampas Grass, but blooms much more abundantly. 30 cts. each. Clumps 75 cts.

EULALIA JAP. VARIEGATA.

A very graceful, tall, ornamental grass from Japan. Its long, narrow leaf-blades are striped green, white, and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes. 25 cts. each; $2 50 per doz. Clumps 75 cts.

EULALIA JAPONICA ZEBRINA.

This variety resembles Japonica in hardiness, growth and bloom. The long blades are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25 cts. each; $2.50 per doz. Clumps $1.00 each.

EULALIA GRACILLIMA UNIVITTATA.

This is a grand addition to the Ornamental Grasses; of compact habit with very narrow foliage, of a bright green color with a silvery white midrib. 25 cts. each; $2.50 per dozen. Clumps $1.00 each.

PAMPAS GRASS.

One of the most effective of the Ornamental Grasses. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground from year to year if protected. 25 to 50 cts. each. Extra strong plants $1.00 each.

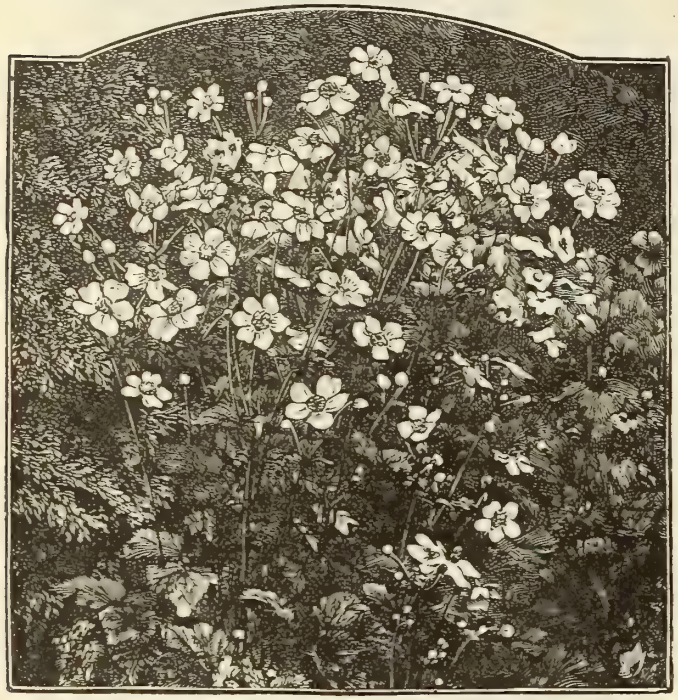
The varieties of Lilies purchased of you two years ago have succeeded admirably in our seashore soil. They have been the admiration of the summer visitors to the park,
DEBORAH S. HANCE, Asbury Park, N. J., March 10, '93.

I wish to express my thanks for the seeds you sent me last year: Melon "Miller Cream," Cabbage "Succession," Lettuce "Silver Ball." The melon was very good, but a little late for this locality. The cabbage was splendid; besides being all that is claimed for it, it is a good keeper. The Lettuce was very fine, all that could be desired.
Mrs. REBECCA K. DAVIS, Meshoppen, Pa., April 28, '93.

HARDY PERENNIALS.

The steadily increasing demand for hardy plants has induced us to give them more attention and to increase our stock considerably. Though our list is not as long as some offered, it has been our aim to offer only the most desirable and to exclude all weedy and inferior sorts.

For such of our customers who are not acquainted with the different varieties we shall be pleased to make suitable selections of the most desirable species that, when once planted, with very little care, will keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.



Anemone Japonica Alba.

ANEMONE PENNSYLVANICA. A pretty native variety, with large white flowers tinged with red on the under side. 15 cts. each; $1.50 per dozen.

ANTHERICUM LILIASTRUM (*St. Bruno's Lily*). A beautiful plant, with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. 15 cts. each; $1.50 per dozen.

ANTHEMIS TINCTORIA—Hardy Golden Marguerite. This is one of the best yellow-flowered perennials we have. It is a continuous bloomer the entire summer, unequalled for cutting, and it is a magnificent grower, withstanding both wet and dry weather. The flowers are of the exact form of a daisy, but clear yellow. 15 cts. each; $1.50 per dozen.

AQUILEGIA CHRYSANTHA. A beautiful golden-spurred Columbine from the Rocky Mountains. Flowers golden yellow; blooms in early spring. 25 cts. each; $2.50 per dozen.

AQUILEGIA GLANDULOSA. A pretty species, with bright, lilac-blue sepals and pure white petals. 25 cts. each; $2.50 per dozen.

ASTILBE JAPONICA—Spiræa Japonica. Splendid for outside flowering or forcing. Flowers white. 25 cts. each; $2.50 per dozen.

ASCLEPIAS TUBEROSA. One of the showiest of our late summer and autumnal flowers, and deserving of extensive cultivation; blossoms in close, compact umbels of a brilliant orange color. 25 cts. each; $2.50 per dozen.

ASTERS—Hardy Michaelmas Daisies. Very pretty free-blooming hardy plants, commencing to bloom early in the season and continuing till killed by frost; rose-colored and purple. 25 cts. each; $2.50 per dozen.

CAMPANULA CARPATICA—Dwarf Canterbury Bells. A pretty species growing in compact tufts not exceeding 8 inches in height, beginning to flower early in June and continuing almost the entire summer; flowers about one inch in diameter; we offer two colors, blue and white. 15 cts. each; $1.50 per dozen.

CAMPANULA GROSSEKII. One of the prettiest of the Canterbury Bells, of erect habit, with dark blue flowers. 15 cts. each; $1.50 per dozen.

ACHILLEA, THE PEARL. A grand improvement on the old Achillea fl. pl. The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pompone Chrysanthemum; as a summer cut-bloom it is a great acquisition. 15 cts. each; $1.50 per dozen.

AJUGA REPTANS. A dwarf growing and pretty perennial, especially suited as an edging plant; succeeds well in any position. 15 cts. each; $1.50 per dozen.

ANEMONE JAPONICA. One of the most beautiful of the hardy herbaceous plants. They commence to open their rich-colored single blooms in August, and continue to increase in beauty until cut by frost. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary when they become too thick.

Alba. Pure white, yellow centre and dark eye.
Elegans. Carmine, yellow centre, dark eye.
Rosea. Dark rose, shaded pink, yellow centre and dark eye.

25 cts. each; $2.50 per dozen.

ANEMONE WHIRLWIND. A new semi-double form of Anemone Japonica Alba which is supposed to be a cross between this beautiful variety and A. Japonica Rosea. In general style and habit it is identical with the white Anemone. It is of the same strong habit of growth, and is even more free-flowering than the original type. The flowers, which are 2½ to 3 inches across, have several rows of pure white sepals, and have the advantage of lasting much longer than the single varieties. We consider this a good acquisition, and cannot recommend it too highly. 30 cts. each; $3.00 per dozen.

HARDY PERENNIALS—*Continued.*

COREOPSIS LANCEOLATA.

A hardy perennial that should find its way into every garden. The flowers are a clear bright golden yellow, and certain to attract attention. It flowers profusely, is perfectly hardy, and thrives in almost any situation. One of the best of the perennials. 15 cts. each; $1.50 per dozen. Large clumps 25 cts. each; $2.50 per dozen.

CLEMATIS DAVIDIANA.

This new Japanese Clematis is destined to be one of the finest of hardy plants, and indispensable to all collections of plants. It is a shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. The flowers circle and cluster in the greatest profusion around each whorl of leaves, making several tiers (four to six) of clusters extending, one above the other, from near the ground to the top of the foliage. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. 25 cts. each; $2.50 per dozen.

DELPHINIUM FORMOSUM.

(Perennial Larkspur.)

This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants, and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost. 20 cts. each; $2.00 per dozen.

DIANTHUS PLUMARIUS STANISLAUS. Of dwarf compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. 20 cts. each; $2.00 per dozen.

DICTAMNUS FRAXINELLA. A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it. 25 cts. each; $2.50 per dozen.

DIELYTRA SPECTABILIS (*Bleeding Heart*). Adapted for outdoor planting or forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers. 25 cts. each; $2.50 per dozen.

DIELYTRA EXIMIA (*Plumy Bleeding Heart*). Similar in growth, but with flowers a deeper shade than D. Spectabilis and borne in plumes. It remains in bloom a long time, frequently during the whole season. 25 cts. each; $2.50 per dozen.

DIGITALIS (*Foxglove*). A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet. 15 cts. each; $1.50 per dozen.

DORONICUM EXCELSUM. A strong-growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. 25 cts. each; $2.50 per dozen.

CLEMATIS DAVIDIANA.

FEVERFEW (*Little Gem*). The flowers are large, of perfect form and of the purest white. 12 inches. 15 cts. each; $1.50 per dozen.

FUNKIA ALBA (*Day Lily*). Pure white, lily-shaped, fragrant flowers; borne in large clusters. 25 cts. each.

Funkia Cœrulea. Blue flowers, broad green leaves. 25 cts. each.

Funkia Variegata. Green and white foliage with purple flowers. 25 cts. each; $2.50 per doz.

GAILLARDIA GRANDIFLORA.

This is undoubtedly one of the finest of hardy Perennials. The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark-red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. 20 cts. each; 6 for $1.00; 12 for $1.50.

HARDY PERENNIALS—*Continued.*

HELIANTHUS MULTIFLORUS, FL. PL.

HELIOPSIS PITCHERIANUS. A most desirable hardy herbaceous plant, growing 2 to 3 feet high and a perpetual bloomer, beginning to flower early in the season and continuing in bloom the entire summer. The flowers are about 2 inches in diameter, of a beautiful deep golden yellow color, and of very thick texture, and are very useful for cutting. 30 cts. each; $3.00 per doz.

HEMEROCALLIS KWAMSO, fl. pl. (*Double Orange Lily*). Large double copper-colored flowers, in bloom all summer. 25 cts. each; $2.50 per doz.

HEMEROCALLIS FULVA (*Lemon Lily*). Lemon-colored flowers, excellent for planting among shrubbery. 25 cts. each; $2.50 per doz.

HEMEROCALLIS FLAVA (*Yellow Day Lily*). A most useful and desirable herbaceous plant, producing its large golden yellow flowers during July and August in the greatest profusion; the plants grow about 3 feet high. 25 cts. each; $3.00 per doz.

HIBISCUS (*Perennial Mallow*). The flowers, which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom. 15 cts. each; $1.50 per doz.

HYACINTHUS CANDICANS (*Galtonia*). A snow-white summer-flowering Hyacinth, growing 3 to 4 feet in height, gracefully surmounted with from twenty to thirty pure white bell-shaped flowers. 5 cts. each; 50 cts. per doz.

HARDY HYMENOCALLIS (*New Hardy Spider Lily*). This variety comes to us from Florida and is described as being perfectly hardy, having withstood the severe winters of 1892 to 1893 without protection, in the northern part of New York. The flowers are pure white and have a delicate tissue-like saucer connecting the petals about the centre, and are deliciously fragrant. 15 cts. each; 4 for 50 cts.

HELIANTHUS MULTIFLORUS, fl. pl. (*Double Hardy Sunflower, or the Dahlia Sunflower*). One of the most useful perennial plants in cultivation. It is perfectly hardy and produces its large double Dahlia-like golden yellow flowers in the greatest profusion during the entire summer and fall. 15 cts. each; $1.50 per doz.

HELIANTHUS MAXIMILLIANA. A most graceful single-flowered variety, growing from 5 to 7 feet high, continuing in bloom very late in the season. The flowers are produced in long graceful sprays, which make it invaluable for cutting purposes. 15 cts. each; $1.50 per doz.

IRIS KÆMPFERI.

(Japanese Iris.)

These magnificent Japanese Iris are among the most beautiful of our summer flowering plants and are destined to become great favorites. They commence flowering early in July and continue in bloom for five or six weeks. Many of these flowers measure from 10 to 12 inches in diameter and almost rival the orchids in their rich colorings and markings.

We offer 12 entirely distinct colors, principal among them being double white, deep blue, violet, white veined with purple, blue mottled with white, etc. Named varieties 30 cts. each; $3.00 per doz. Very choice mixed 15 cts. each; $1.50 per doz.

IRIS GERMANICA.

These are neat, robust, hardy herbaceous early blooming plants, with large ornamental flowers of rich and elegantly blended colors, exquisitely striped with dark violet, purple or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low-growing sedges on the margins of fish ponds.

Comte de St. Clair. White, shaded violet.

Florentine. White.

Hericartiana. Pale blue.

Honorabilis. Orange, lower petals brown.

Pajole. Purplish lilac, lower petals dark.

Raphael. Nankin yellow, lower petals purple with white veins.

Spectabilis. White, penciled with blue.

Virgile. Bronzy red, lower petals lilac.

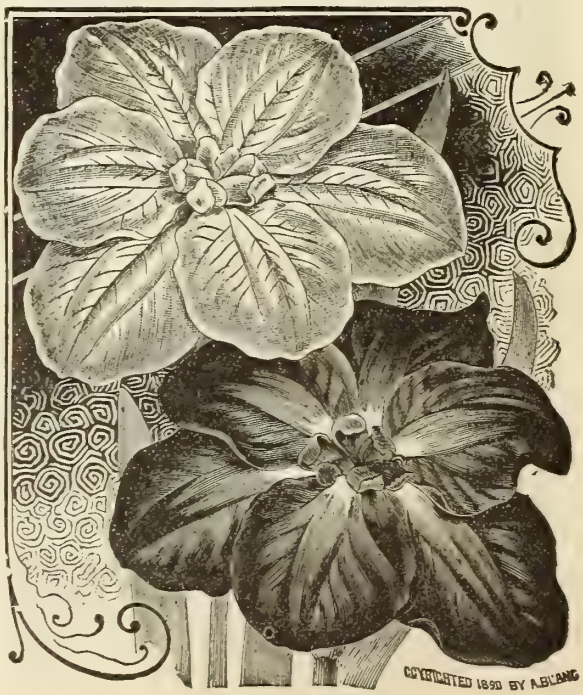
Virginal. White petals, veined with purple.

Walneri. Lilac, lower petals dark blue.
15 cts. each; $1.50 per doz.

Iris Cristata. A pretty dwarf variety especially adapted for edging; throat and crest deep yellow, lip light blue. 10 cts. each; $1.00 per doz.

— **Pumila.** Dwarf, early flowering, light blue, purple and yellow mixed. 10 cts. each; $1.00 per doz.

— **Susiana.** A magnificent variety, of large size; color grayish blue, richly netted and spotted with black. 20 cts. each; $2.00 per doz.



IRIS KÆMPFERI.

RAGGED ROBIN (Lychnis Viscaria).

THE RAGGED ROBIN.

Lychnis Viscaria, Double Red. Not a novelty in the sense of absolute newness, for it has been in cultivation for years, although but little known in this country. When not in flower it forms a dense tuft of evergreen foliage, but in June it sends up tall spikes, as illustrated, of handsome, double, deep-red flowers of a most exquisite fragrance, and which remain in perfection for from a month to six weeks. A bed of these makes a most gorgeous effect, while single plants quickly give splendid results. 25 cts. each; $2.00 per dozen.

— **Viscaria, Double White.** Large, double, white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the Carnation at a season when double white flowers are in great request; perfectly hardy. 25 cts. each; $2.50 per dozen.

Liatris Graminifolia. One of the most showy species of the Liatris in cultivation. The plants can be made very bushy by pinching, and every branch will be covered from top to bottom with purple brush-like flowers, which can be dried and used like immortelles. It should be well worth growing for this use alone. 10 cts. each; $1.00 per dozen.

Lobelia Cardinalis. A desirable native variety, producing large spikes of bright scarlet flowers. 15 cts. each; $1.50 per dozen.

Monarda Didyma (*Oswego Tea*). Flowers bright scarlet, produced in terminal spikes. 15 cts. each; $1.50 per dozen.

Myosotis Dissitiflora (*Forget-me-not*). Hardy, spring-blooming plants, bearing a profusion of lovely light-blue flowers. 15 cts. each; $1.50 per dozen.

Mertensia Virginica (*Virginian Cowslip*). Light-blue flowers, blooming in June. 15 cts. each; $1.50 per dozen.

LILIES.

Lilium Auratum (*Golden Japan Lily*). This superb Lily has flowers 10 to 12 inches in diameter, composed of 6 white petals, thickly studded with rich chocolate-crimson spots, and a bright golden band through the centre of each petal; exquisite vanilla-like perfume. Extra strong bulb, 35 cts. each; $3.50 per dozen. Fine bulbs, 25 cts. each; $2.50 per dozen.

— **Speciosum album.** Large white flowers of great substance, with a greenish band running through the centre of each petal; very fine. 30 cts. each; $3.00 per dozen.

— **Speciosum Rubrum.** Is white, heavily spotted with rich crimson spots. 20 cts. each; $2.00 per dozen.

— **Tenuifolium** (*Coral Lily*). One of the earliest and best of lilies. It bears in profusion medium sized flowers of perfect form and of a dazzling orange scarlet. 25 cts. each; $2.50 per dozen.

— **Tigrinum** (*Tiger Lily*). Orange salmon, spotted with black. 15 cts. each; $1 50 per dozen.

— **Tigrinum flore pleno.** 20 cts.; $2 per doz.

LILIUM AURATUM.

Lily of the Valley. Strong clumps for out-door planting delivered until April and after Sept. 1st. 30 cts.; $3 00 per dozen.

MOUNTAIN FLEECE.

(Polygonum Amplexicaule, var. Oxyphyllum.)

The engraving gives a fair representation of this excellent Hardy Garden Plant, which may be well called "Mountain Fleece," for its masses of white when seen at a distance easily suggest the idea. It forms a bush 3 to 4 feet in height and width. Its great feathery white panicles, from 9 to 12 inches long, are produced from September until cut down by frost in October. Being entirely hardy in every section of the country, it will prove one of the most useful of all fall-flowering plants. For cemetery decoration it will be particularly suitable. 15 cts. each; $1.50 per dozen.

PÆONIES.

HERBACEOUS PÆONIES.

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. We offer a splendid assortment in twelve distinct varieties, embracing all the leading shades, white, pink, crimson, rose, purple, etc., etc.

Strong plants, 30 cts. each; $3.00 per dozen.

TREE PÆONIES.

This plant, instead of dying down to the ground every winter, like the herbaceous variety, grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or blush color. As the plants attain age they make very showy bushes and are very desirable for planting among shrubbery.

Strong plants, 75 cts. each; $7.50 per dozen.

SCOTCH PINKS.

Dwarf hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent. Though the plants are hardy, they winter better if protected.

Claude. White, deep maroon centre.
Earl of Carlisle. White, laced crimson.
Juliette. White, laced crimson.
Laura Wilmer. White, purplish maroon centre.
Pumila. Blush, crimson centre.
Prince Arthur. Crimson centre, blush lacing.
Snow (*Mrs. Sinkins*). Large pure white, very fragrant.

15 cts. each; $1.50 per dozen; set of 7 for $1.00.

NEW HARDY GARDEN PINK "HER MAJESTY."

The flowers of this fine variety are of large size and of the purest white, very fragrant, and borne profusely on stout, erect stems, 12 inches long. It is hardy, and will winter in the open border, or may be grown in cold frames for early forcing. 20 cts.

PLATYCODONS.

(Bell Flowers.)

Grandiflorum. One of the very best perennial plants; in constant flower from early spring to late fall. It forms dense clumps, which are covered with a mass of bell-shaped flowers. 15 cts. each; $1.50 per dozen.

Mariessi. A valuable new species of the Giant Bell flower, which does not grow higher than a foot, forming a dense-branched bush and bearing deep blue, bell-shaped flowers nearly three inches across for a long season in late summer and early autumn. One of the finest of border plants. The unopened buds are nearly as beautiful as the flowers themselves, and are particularly interesting in their peculiar shape. 25 cts. each; 5 for $1.00.

PLUMBAGO LARPENTÆ.

A very useful edging plant, bearing rich deep blue flowers and continuing in bloom till cut by frost. 15 cts. each; $1.50 per dozen.

NEW PERENNIAL PHLOX.

We take pleasure in offering this set of Phloxes, which have been selected for us by a French specialist, and embraces all the finest varieties of recent introduction.

Abondance. Immense panicles of a rosy wine color suffused with violet, white eye.
Abyssinie. Clear violet with purple centre.
Brilliant. Very large trusses of clear reddish orange.
Capitaine Wilhelmy. Large trusses of ruby flowers with blood red centre.
Eclaireur. Flowers of immense size, carmine, salmon centre with rosy white star.
Erckman Chatrian. Violet, rosy purple edges.
Embracement. Coppery rose color with purple eye.
E. Levavasseur. The finest pure white variety.
Gladiator. Very large violet rose.
Iris. Bluish white violet, large bluish centre, the nearest approach to a blue yet sent out.
Jourdan. Violet rose, large white eye, flowers of good size.
Le Soleil. Rose, very bright centre.
Moliere. Pale salmon rose edged with purple.
Marquise de Breteuil. Salmon rose with purple eye.
Matador. Orange overlaid with salmon, cerise eye.
Neptune. Salmon rose, shaded violet, very large.
Ornement. Rosy lake, large velvety purple centre.
Pacha. Large salmon rose shaded lilac.
Pantheon. Flowers and panicles of immense size, salmon rose overlaid with china red.
Pluton. Brilliant carmine.
Renomee. Clear violet with white eye.
Sesostris. Carmine shaded amaranth, very bright.
Surprise. Orange scarlet shading to violet on edge.
Sylphide. Panicles of very large pure white flowers.
William Robinson. Pale rosy salmon, large violet centre.

Strong young plants that will flower freely this season, ready March 1st. 25 cts. each; $2.50 per dozen.

The set of 25 varieties for $4.00.

PHLOX.—General Collection.

Coccinea. Intense crimson scarlet.
Cross of Honor. Beautiful light rose, striped white.
Elaine. Vermilion, tinted purple, scarlet centre.
Joseph Bau. Rich purplish-violet.
Le Sultan. Purplish crimson.
Lothair. Brilliant salmon rose.
Mme. Deveret. Bright rosè, crimson eye.
Mdlle. Ladonette. Rosy blush, deep rose eye.
Miss Robertson. Pure white; dwarf.
Princess de Furstenberg. White; carmine eye.
Sir E. Landseer. Very brilliant dark crimson; large.
Saison Lierval. White, centre violet-rose.
Triumph de Twickle. Rosy magenta.
Washington. White, rosy purple centre.
White Lady. Large pure white, extra.

15 cts. each; $1.50 per dozen.

HARDY GARDEN PINK, HER MAJESTY.

HARDY PERENNIALS—*Continued.*

Iceland Poppy (*Papaver Nudicaule*).

ICELAND POPPIES.

These poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious Lilac-like fragrance. The plants form very ornamental tufts of Fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers, the petals of which glisten like crushed satin. The profusion of blooms which they produce is really astonishing, often a hundred flower stems on a single plant, and they are produced in never-ceasing succession from the beginning of June to October. Not only are these Poppies attractive in the garden, but for elegance in a cut state they are simply unsurpassed. Mixed colors, 15 cts. each; $1.50 per doz.

ORIENTAL POPPIES.

Beautiful mixed varieties of this choice large-flowering Poppy, producing its handsome flowers in profusion during the summer. 15 cts. each; $1 50 per dozen.

SEDUM ACRE. Excellent for cemetery use or growing under trees; flowers yellow. 15 cts. each; $1.50 per doz.

SEDUM FABARIUM. An upright growing variety 15 to 18 inches high, flowers soft rosy pink. 15 cts. each; $1.50 per dozen.

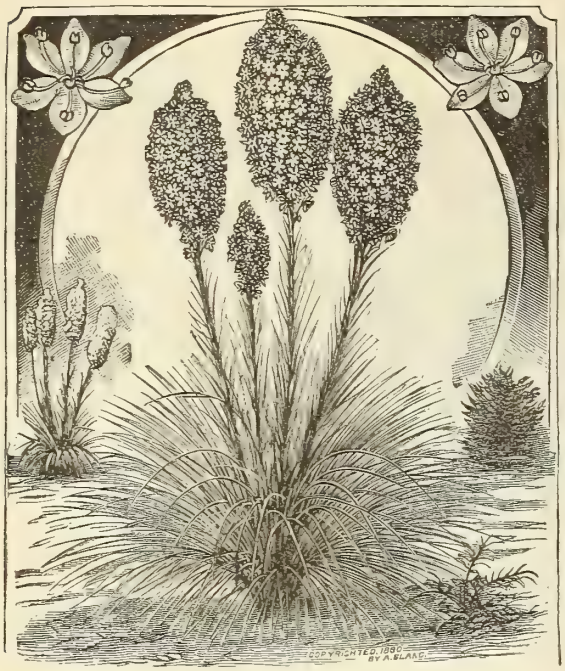
SPIREA ULMARIA. "Meadow Sweet." White fragrant flowers. 25 cts. each; $2.50 per dozen.

Oriental Poppy.

SPIREA FILIPENDULA fl. pl. Numerous corymbs of double white flowers, and pretty fern-like foliage; one of the most useful perennials. 25 cts. each; $2.50 per doz.

Tritoma Grandiflora.

TRITOMA UVARIA GRANDIFLORA (*Flame Flower*). A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot Poker;" effective among shrubbery. 25 cts. each; $2.50 per dozen.



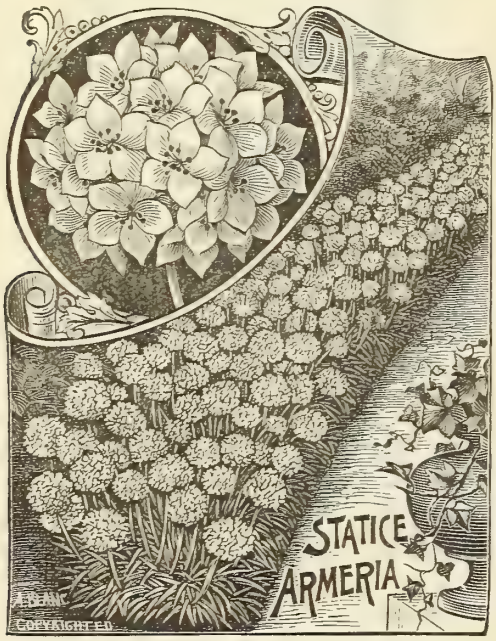
XEROPHYLLUM ASPHODELOIDES.

(Turkey's Beard.)

A desirable hardy plant, indigenous to some parts of the United States, and should be grown in a moist situation. It is an odd-looking plant, with grass or sedge-like leaves 15 inches long, which are evergreen. It grows in clumps, from which rise from one to five flower-stems 3 feet high, each bearing a showy head of white flowers. 15 cts. each; 4 for 50 cts.

STATICE ARMERIA (Sea Pink).

Brilliant rose color. The best of the Armerias. Fine for edgings or borders. In bloom from May until hard frosts. Will flourish even on poor soil. 25 cts. each: $2.50 per dozen.



VINCA MINOR (*Periwinkle*). A desirable trailing plant for shady places. 15 cts. each; $1.50 per dozen.

YUCCA FILAMENTOSA (*Adam's Needle*). A fine lawn plant. 25 cts. each; $2.50 per dozen.

TRILLIUM GRANDIFLORUM. The "Wake Robin." An excellent hardy plant with large white flowers; fine for the hardy border in a shady situation, but also does very well and flowers freely in a sub-aquatic position. One of our best native flowering plants, and much admired.

15 cts. each; $1.50 per dozen.

VIOLET.

(New Double Russian.)

A perfectly hardy Double Blue Violet, deliciously fragrant, deep in color, and very free flowering.

15 cts. each; $1.50 per dozen.

☞ Assortments of Hardy Perennials. Strictly our selection, all distinct varieties:

12	Hardy Perennials,	assorted	varieties,		$2.00.
25	"	"	"	"	4.00.
50	"	"	"	"	7.00.

100 in 50 species and varieties, $12.00.

AKEBIA QUINATA.

One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. 25 to 50 cts. each; $2.50 to $5.00 per doz.

AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper.)

A very rapid grower, with large dark green foliage, which changes in the fall to scarlet. A very desirable vine for cov- [illegible] 25 cts. each; $2.50 per doz.

BIGNONIA.

(Trumpet Creeper.)

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

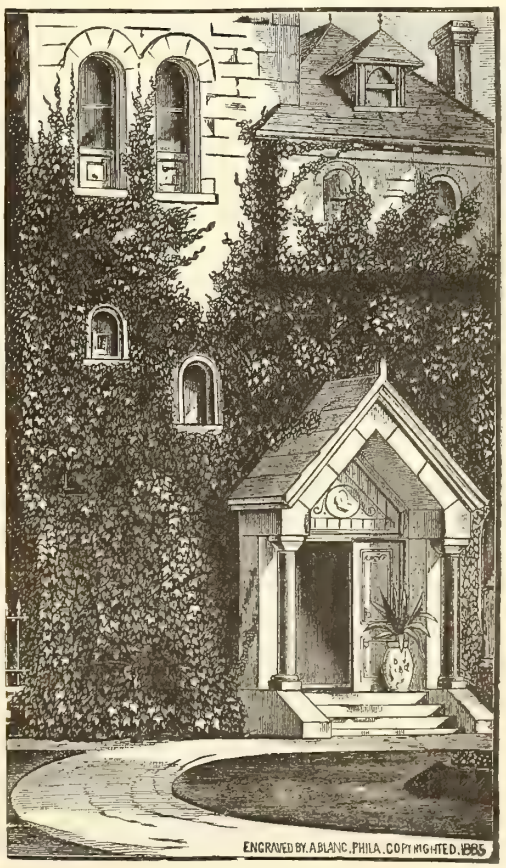
Grandiflora. Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cts. each.

Radicans. Dark red, orange throat; free-blooming and very hardy. 25 cts. each; $2.50 per doz.

CINNAMON VINE.

(Dioscorea Batatas.)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, reaching about 8 feet in height; quite hardy. Good roots, 15 cts. each; 2 for 25 cts.



AMPELOPSIS VEITCHI.

CLEMATIS, MADAME EDOUARD ANDRE.

CLEMATIS COCCINEA.

A very handsome, hardy climber, bearing thick, bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25 cts. each; 5 for $1.00.

NEW RED CLEMATIS, MADAME EDOUARD ANDRE.

An entirely distinct and most novel variety and the nearest approach to a bright red ever sent out. The plant is a strong, vigorous grower, being a hybrid of the popular Jackmanni, which it resembles in freedom of bloom, strong vigorous growth and shape and size of flower, but it is of a distinct carmine red color of a most pleasing shape, entirely different from all other varieties. $1.00 each; $10.00 per dozen.

New Clematis, BEAUTY OF WORCESTER.

A sterling variety, which possesses the singular merit of producing both single and double flowers on the same plant for its earlier bloom, and as the season advances single flowers only are borne. It is a large and handsome six to eight-petalled flower of a lovely bluish-violet shade, with prominent pure white stamens, which greatly add to its beauty. 75 cts. each.

We will furnish the entire collection of Clematis, 28 varieties, one of each, for $10 00. This includes the grand new red variety.

Clematis.

Albert Victor. Deep lavender.
Anderson Henryi. Creamy white, large and handsome.
Countess Lovelace. Bluish lilac, rosette-shaped.
Duchess of Edinburgh. Very fine, pure double white.
Fairy Queen. Large flowers, pale flesh, with a pink bar.
Gipsy Queen. Rich dark velvety purple.
Boskoop Seedling. Extra large lavender.
Jackmanni. Large, rich violet purple; a free bloomer.
Jackmanni Superba. Very dark violet purple.
John Gould Veitch. Lavender blue; flowers double.
Jean D'Arc. Large single white.
Lanuginosa Candida. White, tinted; a fine flower.
Lawsoniana. Rosy purple with darker veins.
Lord Londesborough. Deep mauve large flowers.
Madame Baron Viellard. Flowers very large, of fine form, high rose with lilac shadings.
Madame Van Houtte. Pure white; extra fine.
Miss Bateman. White with chocolate-red anthers.
President. Violet purple, very fine.
Princess of Wales. Bluish mauve, satiny surface.
Reine Blanche. Light mauve with bar of lighter shade.
Star of India. Reddish violet-purple with red bars.
The Gem. Fine blue.

50 cts. each; $5.00 per dozen.

CLEMATIS CRISPA.

A very beautiful species, bearing an abundance of pretty, bell-shaped, fragrant, lavender flowers with white centres. Blooms from June until frost. 25 cts. each; 5 for $1.00.

CLEMATIS FLAMMULA.

(Virgin's Bower.)

A general favorite, where a hardy rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small fragrant white flowers. 25 cts. each; 5 for $1.00.

CLEMATIS VIRGINIANA.

A rapid, strong-growing variety, producing a profusion of white flowers during July and August. 25 cts. each; 5 for $1.

HONEYSUCKLE.

HARDY JASMINES.

Jasminum Nudiflorum (*Yellow Flowering Jasmine*). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts.

— Officinale (*White Flowering Jasmine*). Pure white, fragrant; hardy with protection in this latitude. 25 cts.

MENISPERMUM (*Moon Seea*). A curious twining, slender vine with small yellow flowers and black berries. Fine for rocky places. 25 cts. each; 5 for $1.00.

HARDY ENGLISH IVY.

This is the variety used for covering walls, etc.; invaluable on account of its remaining evergreen all the year, and on this account has become very popular for covering graves in cemeteries. Large plants 25 cts. each; $2.50 per doz.

PASSIFLORA.

(Passion Flowers.)

Passiflora Constance Elliot. The flowers are pure white excepting a very slight coloring at the base.

— Cœrulea. Bright blue; very fragrant.

— Incarnata. A lovely shade of blue, white centre; one of the very best.

25 cts. each; $2.50 per doz.

PERIPLOCA GRÆCA.

(Silk Vine.)

An exceedingly rapid grower, reaching up to a great height, with shining, long, narrow leaves, and clusters of purplish brown blossoms. 25 cts. each; 5 for $1.00.

CHINESE WISTARIA.

One of the best of all hardy climbers. When given a sunny situation and liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

Wistaria Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet blue blossoms, richly perfumed. 30 to 50 cts.

— Sinensis Alba. Of similar habit to Sinensis, with pure white flowers; a lovely climber. 50 cts.

— Multijuga, fl. pl. A handsome double-flowering variety, with lilac and blue flowers. $1.00.

HONEYSUCKLES.

Plants that should be in every garden, as they thrive with little care and throughout the season scent the air with their fragrance.

Chinese Evergreen (*Woodbine*). Red, yellow and white variegated flowers; very fragrant.

Halliana. Flowers pure white, turning to yellow; fragrant; hardy evergreen; flowers freely.

Heckrothi. Deep red flowers with yellow throat; in bloom the entire season.

Variegated (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds.

25 to 50 cts. each; $2.50 to $5.00 per doz.

HOP—Humulus Lupulus.

One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 50 cts. per doz.; 60 cts. postpaid; $2.50 per 100.

IPOMEA PANDURATA.

HARDY WHITE MOON-FLOWER.

(White Fringed Ipomea.)

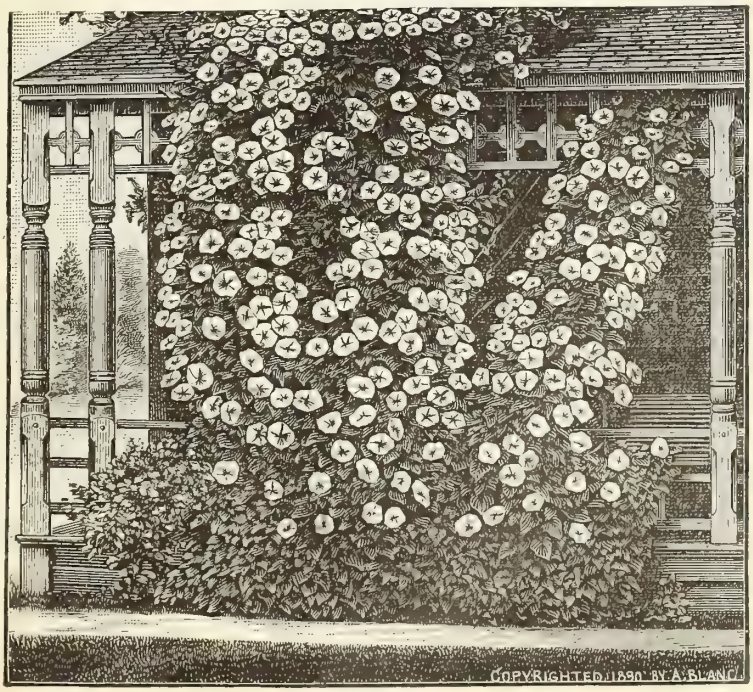
This is one of the most rapid growing vines in cultivation, having a large tuberous root that is perfectly hardy. A root three or four years planted will send up quite a number of strong shoots, that climb rapidly to a height of 30 to 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered from early summer to late autumn with its large, deep green, heart-shaped leaves, which overlap each other, forming a dense screen.

The flowers, which are very large, are a pure satiny white, with a pinkish purple throat, shading off deeper in the tube. 10 cts. each; 12 for $1.00.

Lathyrus Latifolius Alba.

(White Perennial Pea.)

A most desirable plant of semi-climbing habit, growing about four feet high; producing its pure white flowers the entire summer. 30 cts. each; 4 for $1.00



HARDY MOON FLOWER.

HARDY SHRUBS.

First quality, 30 cts. each, except where noted; $3.00 per dozen; $20.00 per 100.

GENISTA ANDREANA.

NEW HARDY GENISTA.

(Genista Andreana.)

A most desirable shrub either for planting in the open border or for growing on in pots as a decorative spring-flowering plant, like the well-known Genista Fragrans and Racemosa that are grown so extensively for Easter decorations; but unlike these varieties, which are entirely yellow, the flowers of this new variety, which are nearly four times as large, are produced in large terminal racemes, the lower lip being of a bright yellow, while the upper one is of a rich brownish crimson; a combination of color entirely distinct and pleasing.

The plant is of elegant habit, with dark-green stems and foliage, and is said to be hardy south of New York.

We offer good strong plants at 50 cts. each.

Andromeda Mariana. One of the finest of our native shrubs; the individual flowers are long and tubular, borne in large branches. They are of a peculiar waxy-white that is very pleasing; the wood and foliage are both peculiar, and in autumn the leaves turn a deep red, and remain on until severe weather.

Azalea Ghent. A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for out-door purposes. Very dry situations are not suitable for this class. The soil should be prepared as per instructions for Rhododendrons. The collection offered is from the best European sources. $1.00 each; $9.00 per dozen.

Althea, or Rose of Sharon (*Hibiscus Syriacus*). Strong, erect-growing shrubs of the easiest culture, which bear large and showy flowers in early fall.

Double Rose. Double White. Double Purple.

Variegated Leaved. Leaves conspicuously marked.

The Altheas are very desirable on account of flowering in August and September, when few other shrubs are in bloom.

Barberry, Purple (*Berberis vulgaris purpurea*). Violet colored foliage and fruit; very effective.

Burning Bush (*Euonymus Europeus*). Pods covered with scarlet seed during autumn and winter.

Calycanthus, Sweet Shrub (*Calycanthus Floridus*). Flowers fragrant, like strawberries; double and of a chocolate color.

Clethra Alnifolia (*Sweet Pepper Bush*). A very desirable dense-growing shrub, with dark-green foliage and showy upright spikes of creamy white, intensely fragrant flowers, continuing in bloom a long time. The season of bloom is later than most shrubs, which is a valuable feature.

Deutzia Crenata. Bears a profusion of pink and white flowers; very pretty.

— Crenata flore plena (*Double-flowering Deutzia*). Flowers double white, tinged with pink. One of the most desirable flowering shrubs in cultivation.

Deutzia Fortunei. Large, pure white single flowers.

— Gracilis. A dwarf bush, covered with spikes of pure white flowers in early summer.

Dogwood, Red Twigged (*Cornus sanguinea*). A strong growing bush, with crimson colored branches, making it an attractive object in winter.

Exochorda grandiflora. Finely shaped shrub, with a profusion of the most lovely pure white flowers; blooms in the spring. 50 cts.

Forsythia, Golden Bell (*F. viridissima*). Bears bright yellow flowers before the leaves appear.

Fringe, Purple or Smoke Tree (*Rhus cotinus*). Has very curious bloom, which when covered with dew resembles a cloud of smoke or mist. 50 cts.

— White (*Chionanthus Virginica*). The bloom is very much like white fringe; one of the most pleasing ornaments for the lawn. 50 cts.

Globe Flower (*Kerria, or Corchorus Japonica*). Small shrubs, with abundant yellow flowers in early summer.

Hydrangea paniculata grandiflora. The flowers are borne in dense pyramidal panicles; are white when they first open, but gradually change to rose color, and remain in good condition for weeks. 25 cts. to $1.00.

Japan Quince (*Pyrus Japonica*). A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge.

Judas Tree, or Japan Red Bud (*C. Japonica*). The flowers are a brilliant rose color, and borne in profusion. 3 to 5 feet. $1 00 to $1.50.

Laburnum (*Cytisus laburnum*). Long racemes of golden yellow flowers. In bloom June to July.

Lilac, Common (*Syringa vulgaris*). The common purple species, and one of the best.

— Common White (*S. vulgaris alba*). Flowers pure white; very fragrant; beautiful.

Lonicera Tartarica. White Tartarian Honeysuckle. Fragrant pink and white flowers; upright growing.

Magnolia purpurea. Dwarf; flowers bright purple; very profuse. 3 to 5 feet. 60 cts.

Mock Orange, or Syringa (*Philadelphus*). Fragrant pure white flowers.

— Large Flowered (*P. grandiflora*). Showy; large flowers; slightly fragrant.

Privet, California (*L. ovalifolium*). Nearly evergreen. Bears white flowers in the early summer; one of the best hedge plants.

Spirea Billardii. A strong-growing, pink-flowered, late-blooming species.

— callosa alba. Low, dwarf growth; white.

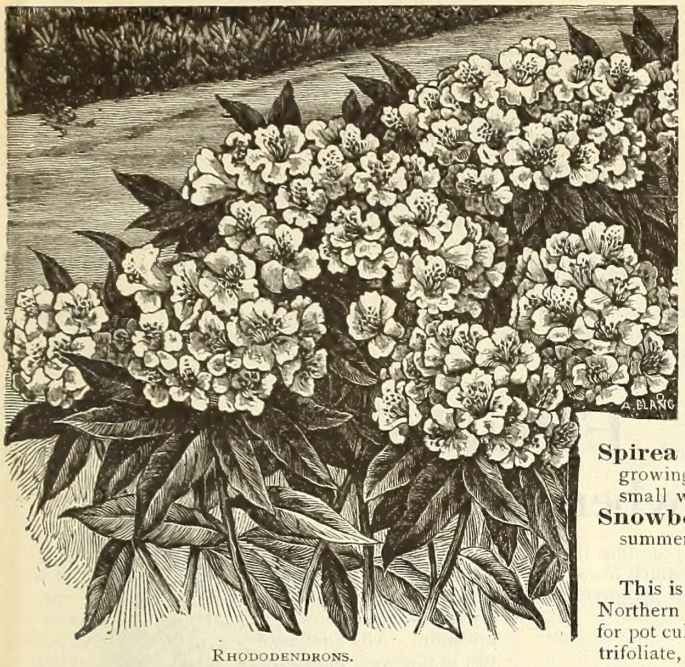
— callosa rubra. Low, dwarf growth; red flowers.

ITEA VIRGINICA.

One of the prettiest of our native shrubs, and yet but little known. It grows from 4 to 6 feet high, and produces numerous racemes of pure white flowers during June, which have a delicious fragrance not unlike the ordinary Pond Lily. The foliage and stem turn to a beautiful red during the autumn. This is one of the very best hardy shrubs, growing naturally into a compact and symmetrical shape, and blooming so freely as to appear to be covered with snow. It will succeed in any position. 30 cts. each; 4 for $1.00.

HARDY FLOWERING SHRUBS—*Continued.*

First quality, 30 cts. each, except where noted; $3.00 per doz.; $20.00 per 100.



RHODODENDRONS.

Rhododendrons.

The Rhododendron is one of the most valuable of our hardy decorative plants.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during summer, and protect with leaves or brush during the first winter. We offer a choice collection of plants from 12 to 24 inches high, bushy and well established, ranging in color from the purest white through all the shades of rose, pink, purple and crimson.

$1.00 each; $10.00 per doz.; $65.00 per 100. Plants set with buds, $1.50 each; $15.00 per doz.; $100 per 100.

Extra large specimens in bud, 3 feet high, $2.50 each; $24.00 per doz.; $150 per 100.

Spirea prunifolia (*Bridal Wreath*). Flowers double, white and abundant; early blooming.

Spirea Thunbergii. One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.

Snowberry (*Symphoricarpus racemosus*). Pink flowers in summer; large white, waxy berries in autumn.

TRIFOLIATE ORANGE.

This is the most hardy of the Orange family, and will stand our Northern climate with little or no protection, and is also desirable for pot culture. It is dwarf, of a low, shrubby growth, with beautiful trifoliate, glossy green leaves, and abundance of large, white, sweet scented blossoms. 25 cts. each; 6 for $1.00.

Staphyllea Colchica. A most desirable hardy shrub, of strong erect habit, growing from 3 to 5 feet high, and producing large white flowers in nodding terminal racemes during May. Strong flowering plants. 50 cts.

Tamarisk (*Tamarix tetandra*). Feathery foliage, small, fringed, light pink flowers.

Viburnum Snowball (*Viburnum opulus sterilis*). Snowy white, borne in large balls in early summer.

Weigela candida. Pure white. This is the best white Weigela.

Weigela Desboisii. Beautiful deep rose colored flowers.

Weigela rosea. Fine colored flowers; one of the best.

Weigela rosea nana variegata. One of the most conspicuous shrubs that we cultivate; leaves beautifully margined creamy white; flowers pink.

TRIFOLIATE ORANGE.

JAPAN SNOWBALL.

(Viburnum plicatum.)

This is one of the most valuable of our hardy shrubs. Foliage olive green through summer, but towards fall it turns much darker and remains on the plant for some time after the first frosts. Flowers, though hardly as large as the old variety, are much more numerous. The leaves are in pairs along the stem, and from the base of each leaf a ball of flowers appears. There are often as many as ten pairs of these, or twenty balls, on a branch 18 inches long. These balls, as they expand, all face upward, so that a full view of their great beauty is always to be had.

	Each.	Doz.
1st size,	$1.00	$10.00
2d "	.75	7.50
3d "	.50	5.00

VIBURNUM PLICATUM (JAPAN SNOWBALL).

ELEAGNUS LONGIPES.

A new and very desirable, nearly evergreen shrub, holding its leaves until late in winter; the branches are thickly studded with tiny brown dots or scales, giving a *rusty* appearance, contrasting strikingly with the light hue of the foliage, which is silvered on the under surface with little white scales. The abundant crop of orange colored fruit, dotted with small ferruginous specks, is a very attractive feature during the summer. 25 cts.

JAPANESE RASPBERRY, OR WINEBERRY.

This interesting plant belongs to the Raspberry family. The fruit is borne in large clusters, and each berry is at first tightly enveloped by the large calyx, forming a sort of burr, which is also covered with purplish-red hairs so thickly as to present the appearance of moss rose buds. These gradually open and turn back, exposing the fruit in all its beauty. A bush in full fruiting is a decided ornament to the garden. For jelly-making, canning and preserving it is without an equal. Plants, 15 cts. each; $1.50 per doz. Seed per pkt., 10 cts.

HEDGE PLANTS.

		Per 100.	Per 1000.
Osage Orange.	Strong 2-year-old plants	$1.00	$7.50
California Privet.	1 foot to 1½ feet high	6.00	45.00
" "	1½ feet to 2 feet high	7.50	60.00
Pyrus Japonica.	1 foot to 1½ feet high	8.00	75.00

FOREIGN GRAPE VINES.

BLACK.

Black Hamburgh. Flesh firm, juicy, and richly flavored; the most useful and popular Grape in cultivation.
Barbarossa. Bunches very large, a valuable late Grape; requires heat to ripen properly.
Gros Colman. A very handsome Grape, berries and bunches of enormous size, hangs very late.
Lady Downe's Seedling. Flesh firm and sweet; one of the best late Grapes, and an excellent keeper.
Black Muscat, or Muscat Hamburgh. An excellent and richly flavored Grape.
Madresfield Court. Berries very large, of a rich Muscat flavor; a superb Grape.

WHITE and YELLOW.

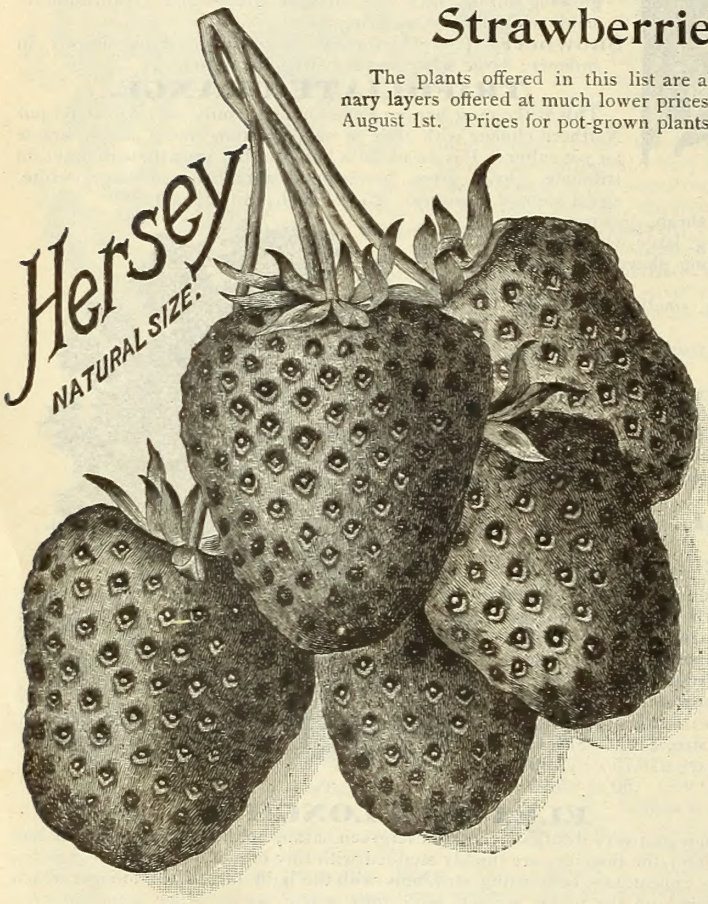
Bowood Muscat. A first-class variety.
Buckland Sweetwater. A large, handsome berry and bunch, a good bearer, and excellent.
Chasselas de Fontainebleau. Rich Muscat flavor.
Duchess of Buccleuch. Very large berries and bunches, tender skin.
Foster's Seedling. A fine grape, sweet flavor.
Frontignan White. Fine white grape, abundant bearer.
Muscat of Alexandria. Flesh firm and rich, berries large, a superb variety, requires heat to ripen it.
Golden Hamburgh. A fine variety, handsome bunch.
Golden Queen. Amber, large bunches.

All of the above varieties in strong 1-year-old vines, 75 cts. each; $7.50 per doz. Strong 2-year-old vines, $1.50 each; $15.00 per doz., excepting Bowood Muscat and Muscat of Alexandria, which are, 1-year-old, $1.50 each; 2-year-old, $2.00 each. Extra strong fruiting vines of Black Hamburgh at $3.50 each.

SMALL FRUITS.

Strawberries.

The plants offered in this list are all extra strong layers, which are far superior to ordinary layers offered at much lower prices. Pot-grown plants will be ready for delivery after August 1st. Prices for pot-grown plants are from $3.00 to $4.00 per 100, according to variety. Descriptive Strawberry Circular mailed on application. All varieties offered in this list have perfect or bi-sexual blossoms, except those marked (P), which are destitute of stamens, and are termed pistillate or imperfect flowering varieties, and must be planted near some perfect flowering sort, or they will produce little or no fruit.



EXTRA EARLY FRUITING VARIETIES.

	Per doz.	Per 100.	Per 1000.
Cloud's Seedling (P)	25c.	$1.00	$5.00
Crescent Seedling (P)	25c.	1.00	5.00
Greenville	30c.	1.50	6.00
Haverland (P)	25c.	1.00	5.00
Michel's Early	25c.	1.00	5.00
May King	25c.	1.00	5.00
Southard	25c.	1.00	5.00

MID-SEASON.

Bubach (P)	25c.	1.00	5.00
Chas. Downing	25c.	1.00	5.00
Eureka	25c.	1.00	5.00
Gen. Putnam (P)	30c.	1.50	6.00
Jesse	25c.	1.00	5.00
Middlefield (P)	25c.	1.00	5.00
Miner	25c.	1.00	5.00
Oregon Everbearing	25c.	1.00	5.00
Parker Earle	30c.	1.50	6.00
Sharpless	25c.	1.00	5.00

LATEST.

Cumberland Triumph	25c.	1.00	5.00
Gandy	25c.	1.00	5.00
Kentucky	25c.	1.00	5.00
Yale	25c.	1.00	5.00

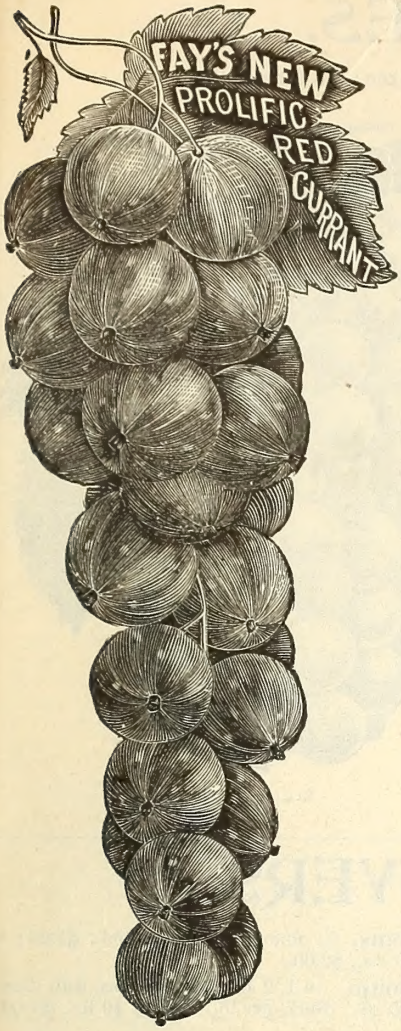
THE HERSEY STRAWBERRY—LATEST FIRST PRIZE VARIETY.

This Strawberry originated at Hingham, Mass., some five years ago, it being a seedling, grown by Mr. Samuel Hersey, of that town. It attracted so much local attention that its originator soon learned that it had unusual value as a new and distinct variety; and, after securing several first prizes at local exhibitions, it was also awarded first prize at the Strawberry Exhibition of the Massachusetts Horticultural Society last season.

This berry possesses all the good qualities desired for home use and the market. Its flower is perfect, requiring no other variety to fertilize it. The fruit is of most excellent flavor, having the taste and aroma of the best varieties of the wild strawberry. Its form is very attractive, and its color a rich, dark red; very uniform in size and easy to hull. The vines are very strong and thrifty in appearance, also extremely hardy and very productive. Under ordinary culture, 1,000 quarts of fruit have been grown on a plot of land sixty feet square—this being at the rate of over 12,000 quarts per acre.

The plants are now offered for sale for the first time, the originator having heretofore carefully kept the entire stock under his control—growing the fruit for the local market, where it has commanded a higher price than any other variety.

Recognizing the merits of this new Strawberry, we have arranged with the introducer for the sale of the plants, and we now offer them for delivery in the spring as soon as ready to transplant. Price per dozen, $2.00; per 100, $10.00.



CURRANTS.

Currants and Gooseberries should be planted on good soil, which must be kept rich and well worked. Trim out the old wood as soon as it begins to decline, and shorten all the young shoots, to keep the bushes in good shape. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. 2 years, $1.50 per doz.; $8.00 per 100.

Cherry. Fruit large, bunch small; deep red; acid. 2 years (very fine), $1.50 per doz.; $8.00 per 100.

Fay's Prolific. Color rich red; as compared with the Cherry currant, Fay's Prolific is equal in size, better in flavor, contains less acid, and five times as prolific; and from its long, peculiar stem, less expensive to pick.
2 years, 20 cts. each; $2.00 per doz.

La Versailles. A popular variety; bunch and berries large, bright crimson; fine, vigorous, and productive. 2 years, very fine, $1.50 per doz.; $8.00 per 100.

Red Dutch. Medium size; in large bunches; the old and well-known Currant of the garden; a profitable market variety.
2 years, $1.50 per doz.; $8.00 per 100.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. 2 years, very fine, $1.50 per doz.; $8.00 per 100.

GOOSEBERRIES.

Treatment same as for Currants.

2 years, $1.50 per doz.; $10.00 per 100.

Downing. Large; pale green; soft, juicy, and good for family use.

Houghton's Seedling. Medium; pale red; vigorous.

Smith's Improved. Large; pale green; productive bearer; good for family use or for market.

Industry. This variety, though of English origin, succeeds admirably in the United States, bearing immense crops and free from mildew. It has the peculiar advantage of coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive spring frosts. It succeeds well under the shade of trees. It has fruited in this country for several years, and has thus far proved unequalled for size, flavor, productiveness and vigorous growth.
25 cts. each; $2.00 per doz.; $12.00 per 100.

BLACKBERRIES.

Plant in good soil, in rows 5 or 6 feet apart, and 3 or 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Erie. This is a new berry of great promise, on account of ripening its entire crop at once and early. Berries medium or large size, black when ripe, firm, sweet, and of good quality. $1.50 per doz.; $5.00 per 100.

Early Harvest. The berry is of fair size (not large); long form; a splendid shipper and of good quality. Early, hardy and excessively prolific.
$1.00 per doz.; $5.00 per 100.

Kittatinny. Large; juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. $1.00 per doz.; $4.00 per 100.

Wilson Junior. Of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early Blackberry yet introduced. 75 cts. per doz.; $4.00 per 100.

Snyder. Berries medium, but of excellent quality; hardy; of strong growth and enormously productive; ripens early.
$1.00 per doz.; $4.00 per 100.

RASPBERRIES.

Plant in rows 5 to 6 feet apart, 2 to 4 feet apart in the row. Cut the tops off within a few inches of the ground when planted. After the fruiting season, early in the spring, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

Brandywine. Large; bright red; hardy and productive; an old variety, extensively grown for market.
50 cts. per doz.; $3.00 per 100.

Cuthbert, or Queen of the Market. Large; firm; deep, rich crimson; of excellent quality; tall, strong and vigorous; perfectly hardy and very productive; succeeds well in almost all localities; ripens medium to late.
50 cts. per doz.; $3.00 per 100.

Doolittle's Improved. A popular black variety, excellent for market or home use.
50 cts. per doz.; $3.00 per 100.

Hansell Raspberry.

Hansell. Medium; bright crimson; very firm, rich, and of good quality; very early; desirable for market or home culture. 75 cts. per doz.; $5.00 per 100.

Golden Queen. Berries large golden yellow, bright and firm, and of fine, rich flavor; vigorous, productive and healthy. $1.00 per doz.; $6.00 per 100.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. 75 cts. per doz.; $3.00 per 100.

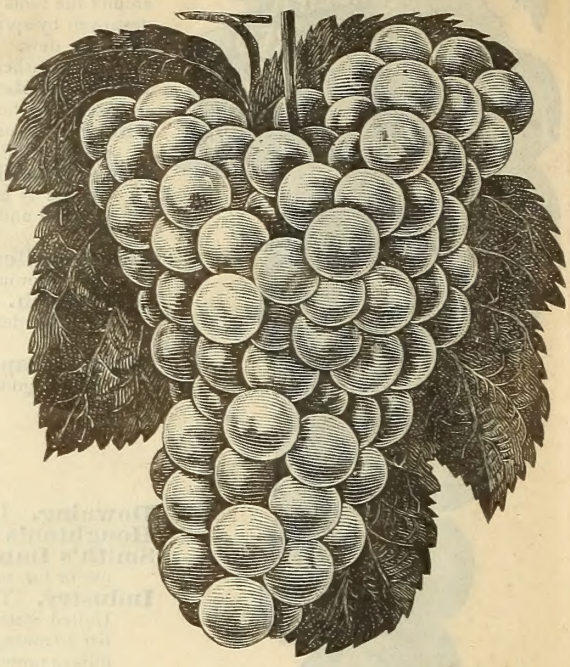
Marlboro'. Of largest size, color a bright crimson, very firm. 50 cts. per doz.; $3.00 per 100.

Souhegan. Jet black, of medium size; a strong grower, very hardy and productive; the earliest of the Black Caps.
75 cts. per doz.; $3.00 per 100.

HARDY GRAPES.

Strong selected 2-year vines, 30 cts. each; $3.00 per dozen; $18.00 per 100.

Agawam (*Rogers' No.* 15). Large; dark red; sweet.
Bacchus. An excellent black grape; fine flavor.
Brighton. Resembles the Catawba, with the richness of the Delaware.
Catawba. Red, sweet and rich, with pleasant musky flavor.
Champion, or Talman. Berries large and black.
Clinton. Small; black, very sweet.
Concord. The most popular grape, succeeds everywhere.
Delaware. Light red; sweet, sprightly, fine flavor.
Diana. Pale red; sweet, rich and aromatic; late.
Duchess. Medium size; greenish white; flesh tender.
El Dorado. A very beautiful grape; clear, golden yellow.
Empire State. White, fine flavored and productive.
Jefferson. Berries large; light red; juicy, sweet.
Jessica. White; remarkably early.
Lady Washington. Beautiful pale yellow.
Iona. Medium; pale red; sweet and sprightly.
Lindley (*Rogers' No.* 9). Red; resembles the Catawba.
Martha (*White Concord*). Large; pale yellow.
Merrimac (*Rogers' No.* 19). Large; black; juicy, sweet.
Moore's Early. Large; black, good quality.
Niagara. Berries large; light greenish white, slightly ambered in the sun.
Pocklington. Bunch and berry large; golden yellow.
Prentiss. Berry medium to large; yellowish green.
Salem (*Rogers' No.* 22). Large; bright reddish brown; fine.
Telegraph. Large; black; juicy; sweet, agreeable flavor.
Vergennes. Chocolate color; ripens early.
White Lady. Yellowish green, rich and sprightly.
Wilder (*Rogers' No.* 4). Bunch and berry large; black.
Worden. Black; hardy; healthy, of fine quality.
Wyoming. A fine, early, red grape.



NIAGARA.

INSECT DESTROYERS.

Hammond's Slug Shot. One of the cheapest and best powders for destroying insects. 5 lbs., 25 cts.; 10 lbs. 50 cts. Bags, 100 lbs., $4.25. Tin canisters with perforated tops, holding ⅔ pint, 25 cts.; by mail, 35 cts. Cartoons filled with Slug Shot, 15 cts.; by mail, 25 cts.

Carbolic Acid Soap. Kills and drives away all insects that destroy animals and plants. With directions. Per cake, 10 cts.; by mail, 15 cts.

Flowers of Sulphur. A preventive and cure for mildew on grape vines, etc. Per lb., 10 cts.; by mail, 25 cts.; 10 lbs., 60 cts.; 100 lbs., $5.00.

Grape Dust. A preparation for destroying Mildew on Grape Vines. Can also be used on plants or trees affected with Mould, Mildew or Rust Mites, either in greenhouse or the open air. Apply at the first appearance of trouble. Dust on a warm, dry day. 5 lb. pkge., 35 cts.

Gishurst's Compound. Used for preventing and destroying Green Fly, Mildew, Thrip, Mealy Bug and Scale. Per box, 50 cts.; by mail, 65 cts.; 3 lb. box, $1.00; by mail, $1.40.

Hellebore. For destroying Rose Slugs. One or two applications are usually sufficient for a season, and it is thoroughly effective. With directions. Per lb., 25 cts.; by mail, 40 cts.

London Purple. The proper proportions for using are at the rate of one pound to 150 gallons of water. The best article for spraying apple trees. Lb., 20 cts.; postpaid, 35 cts.; 10 lbs., $1.75; 100 lbs., $15.00.

Pinner's Tobacco Soap. A convenient and potent specific for destroying insects, parasites, and their eggs, infesting either plants or animals. Per lb., 40 cts.; postpaid, 55 cts.

Rose Brand Sulpho Tobacco Soap. A valuable insecticide for Plants, Trees, Sheep, Cattle, Dogs, Horses, Poultry and Domestic use. Dissolve 2 oz. in one gallon of water. ½ lb. tins, 25 cts.

Tobacco Dust. Cheaper than snuff, and quite as effectual. A sure remedy for Green Fly. 1 lb., 10 cts.; 5 lb. package, 40 cts.; 10 lbs., 65 cts.; 100 lbs., $3.50.

Tobacco Stems, for fumigating. Per bbl., $1.25; in bales of about 250 lbs., $2.00.

Whale Oil Soap. In 1, 2 and 5 lb. tin cans, with directions, 20, 35 and 75 cts. Bulk, per lb., 12 cts.; 10 lbs., $1.00; 100 lbs., $8.00.

Persian Insect Powder. For destroying Roaches, Ants, Fleas, and all other noxious insects. Per lb., 50 cts.

Pure Paris Green. For destroying potato bugs. Directions for use with each package. 25 cts. per lb.; by mail, 40 cts.

Powell's Improved Bordeaux Mixture, for Black Rot, Downy Mildew and Anthracnose of Grapes, Potato Blight, Potato Rot, Leaf Blight of Cherry, Pear, Quince and other Fungus diseases. All ready mixed, only requiring the addition of two gallons of hot water to each pound of mixture. 5 lb. package, 40 cts.; 20 lb. package (50 gallons wash), $1.00 per package; 50 lb. boxes, per lb., 6 cts.

Powell's Copperdine (*Ammoniacal Solution Carbonate Copper*), for Black Rot, Downy Mildew and Anthracnose of the Grape, Pear Leaf Blight, Pear Scab, Apple Scab and Powdery Mildew. Quart can makes 22 gallons wash, per can, 50 cts.; gallon can makes 100 gallons wash, per can, $1.50.

In treatment of Fungus Diseases of Grapes and other Fruits the first two sprayings should be made with Bordeaux Mixture and the later sprayings with the Ammoniacal Solution Carbonate Copper, as it does not speck or discolor the fruit.

Little's Antipest. A sure destroyer of the Scale, Woolly Aphis and insect pests of any and all descriptions. It may be freely used in the conservatory, garden and greenhouse as in the orchard or vineyard. It is nonpoisonous and harmless to vegetation when diluted and used according to directions.

½ **Gallon Can** ..... for $1.50
1 " " ..... " 2.50
5 " " ..... " 10.00

Soluble Fir Tree Oil. For destroying insects and parasites. Full directions with each can. ½ pt., 50 cts.; pt., 75 cts.; qt., $1.50; ½ gallon, $2.75; gallon, $5.00. Add 25 cts. per pint for postage.